

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002654.D
 Acq On : 16 Jun 2018 18:32
 Operator : JC/MD
 Sample : VX0616WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

Quant Time: Jun 18 01:38:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	154561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	262681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	261452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160841	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144859	61.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.34%	
35) Dibromofluoromethane	5.51	113	109128	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
50) Toluene-d8	8.72	98	389033	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.14	95	148239	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	20379	12.420	ug/l	97
3) Chloromethane	1.32	50	39224	20.096	ug/l	97
4) Vinyl Chloride	1.41	62	36853	18.195	ug/l	94
5) Bromomethane	1.64	94	28564	23.373	ug/l	96
6) Chloroethane	1.72	64	31863	23.868	ug/l	99
7) Trichlorofluoromethane	1.93	101	52821	16.052	ug/l	95
8) Diethyl Ether	2.19	74	31160	24.896	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25494	13.860	ug/l	98
10) Methyl Iodide	2.51	142	38325	19.020	ug/l	98
11) Tert butyl alcohol	3.08	59	64274	132.374	ug/l	97
12) 1,1-Dichloroethene	2.37	96	32528	18.835	ug/l	97
13) Acrolein	2.30	56	23940	109.148	ug/l	100
14) Allyl chloride	2.73	41	80516	23.481	ug/l	99
15) Acrylonitrile	3.15	53	140323	132.438	ug/l	100
16) Acetone	2.45	43	150392	145.132	ug/l	99
17) Carbon Disulfide	2.57	76	80639	19.687	ug/l	100
18) Methyl Acetate	2.78	43	77207	27.967	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	164914	25.455	ug/l	99
20) Methylene Chloride	2.86	84	49503	23.299	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	41031	21.900	ug/l	96
22) Diisopropyl ether	3.88	45	150403	24.243	ug/l	98
23) Vinyl Acetate	3.83	43	649980	125.178	ug/l	100
24) 1,1-Dichloroethane	3.70	63	75924	22.548	ug/l	100
25) 2-Butanone	4.71	43	189769	139.448	ug/l	99
26) 2,2-Dichloropropane	4.59	77	51663	21.353	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	46277	24.275	ug/l	97
28) Bromochloromethane	5.03	49	37193	23.586	ug/l	98
29) Tetrahydrofuran	5.17	42	119793	134.315	ug/l	98
30) Chloroform	5.22	83	80412	24.765	ug/l	99
31) Cyclohexane	5.58	56	39428	14.222	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	58583	21.572	ug/l	98
36) 1,1-Dichloropropene	5.81	75	44942	16.109	ug/l	96
37) Ethyl Acetate	4.87	43	71939	22.782	ug/l	99
38) Carbon Tetrachloride	5.79	117	45517	16.384	ug/l	99

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 VX0616WBS01

Quant Time: Jun 18 01:38:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	35911	11.011	ug/l	97
40) Benzene	6.15	78	168597	20.154	ug/l	99
41) Methacrylonitrile	5.07	41	40555	22.747	ug/l	97
42) 1,2-Dichloroethane	6.20	62	73317	22.638	ug/l	99
43) Isopropyl Acetate	6.48	43	112351	21.475	ug/l	99
44) Trichloroethene	7.22	130	45138	18.695	ug/l	93
45) 1,2-Dichloropropane	7.53	63	45675	20.746	ug/l	97
46) Dibromomethane	7.67	93	33558	22.786	ug/l	98
47) Bromodichloromethane	7.90	83	55865	21.507	ug/l	98
48) Methyl methacrylate	7.78	41	58866	22.018	ug/l	97
49) 1,4-Dioxane	7.76	88	24313	480.215	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	383834	114.266	ug/l	99
52) Toluene	8.79	92	106614	19.979	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	64952	20.380	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	59693	20.242	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	49781	23.087	ug/l	96
56) Ethyl methacrylate	9.18	69	71966	21.688	ug/l	97
57) 1,3-Dichloropropane	9.38	76	80535	22.084	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	177821	110.797	ug/l	98
59) 2-Hexanone	9.50	43	295974	116.928	ug/l	100
60) Dibromochloromethane	9.59	129	45941	21.277	ug/l	98
61) 1,2-Dibromoethane	9.68	107	50250	22.502	ug/l	100
64) Tetrachloroethene	9.34	164	47191	16.260	ug/l	98
65) Chlorobenzene	10.14	112	129898	20.231	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	45054	20.582	ug/l	98
67) Ethyl Benzene	10.26	91	202949	18.739	ug/l	98
68) m/p-Xylenes	10.36	106	156460	37.452	ug/l	100
69) o-Xylene	10.70	106	79798	19.442	ug/l	98
70) Styrene	10.71	104	134836	19.975	ug/l	99
71) Bromoform	10.86	173	33683	20.106	ug/l #	100
73) Isopropylbenzene	11.02	105	197383	18.349	ug/l	100
74) N-amyl acetate	6.48	43	112351	21.021	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	73196	23.041	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	79556	26.212	ug/l	80
77) Bromobenzene	11.26	156	62863	20.976	ug/l	97
78) n-propylbenzene	11.37	91	221189	17.929	ug/l	99
79) 2-Chlorotoluene	11.43	91	145304	19.727	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	172844	19.013	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	15625	19.278	ug/l	88
82) 4-Chlorotoluene	11.51	91	169545	19.507	ug/l	99
83) tert-Butylbenzene	11.77	119	160738	18.354	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	183523	19.784	ug/l	100
85) sec-Butylbenzene	11.95	105	182972	16.802	ug/l	99
86) p-Isopropyltoluene	12.07	119	170365	17.291	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	108148	19.678	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	111700	19.975	ug/l	99
89) n-Butylbenzene	12.39	91	138569	15.942	ug/l	99
90) Hexachloroethane	12.60	117	23052	16.846	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	121837	22.026	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14751	22.169	ug/l	98

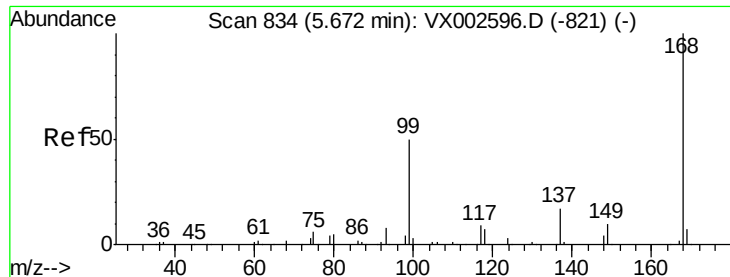
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061618\
Data File : VX002654.D
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	76801	19.130	ug/l	98
94) Hexachlorobutadiene	13.79	225	30230	14.295	ug/l	100
95) Naphthalene	13.84	128	236081	21.854	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	82479	20.456	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

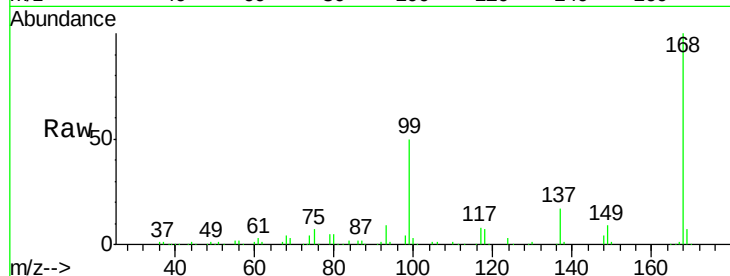
VX0616WBS01

Tot Ion:168 Resp: 154561

Ion Ratio Lower Upper

168 100

99 49.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

60000

50000

40000

30000

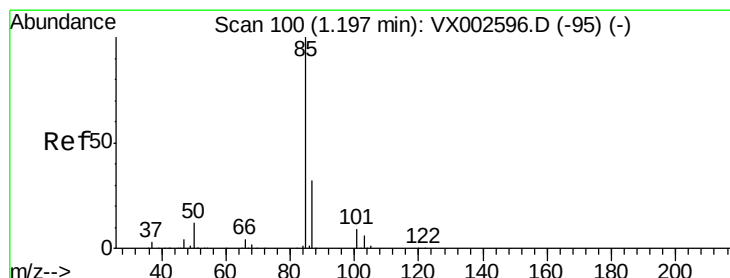
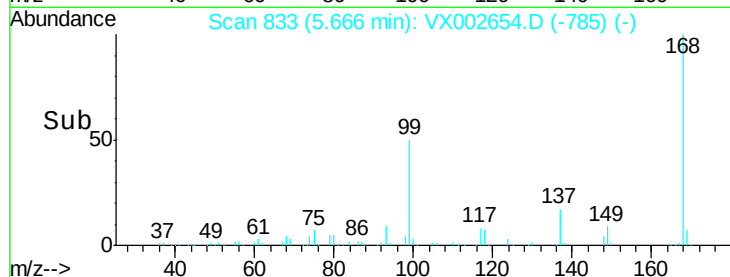
20000

10000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 12.420 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002654.D

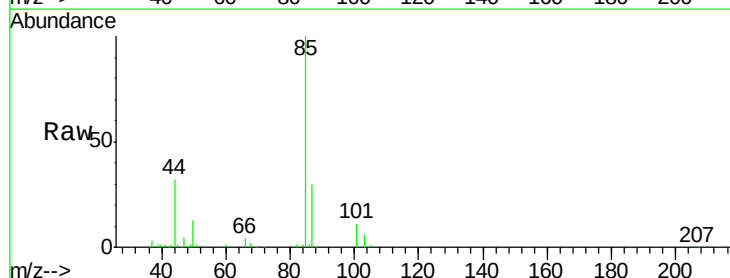
Acq: 16 Jun 2018 18:32

Tgt Ion: 85 Resp: 20379

Ion Ratio Lower Upper

85 100

87 30.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

25000

20000

15000

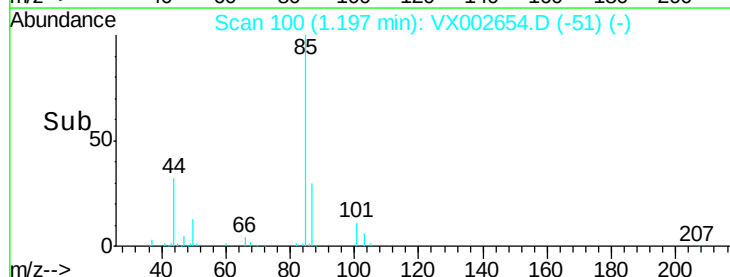
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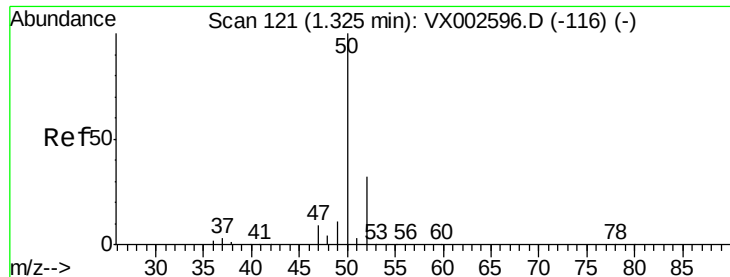
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 20.096 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

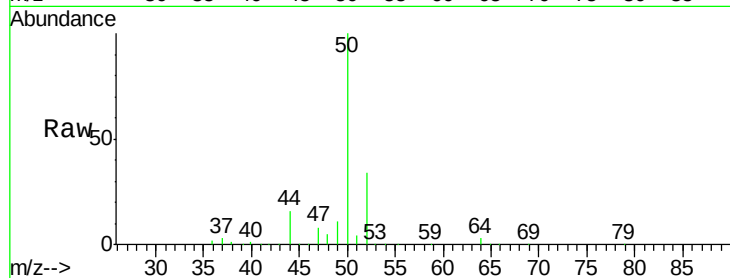
VX0616WBS01

Tot Ion: 50 Resp: 39224

Ion Ratio Lower Upper

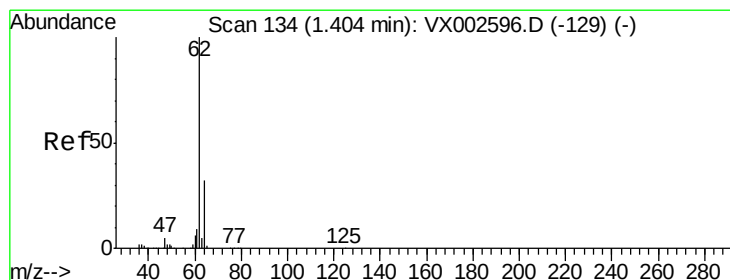
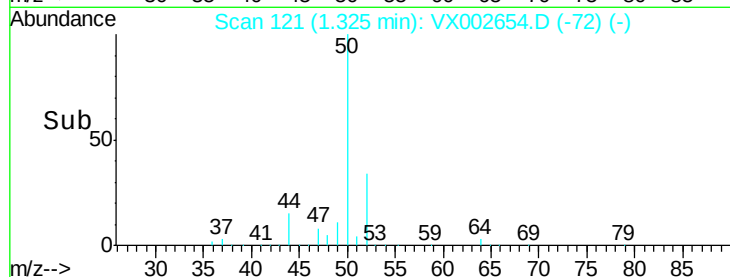
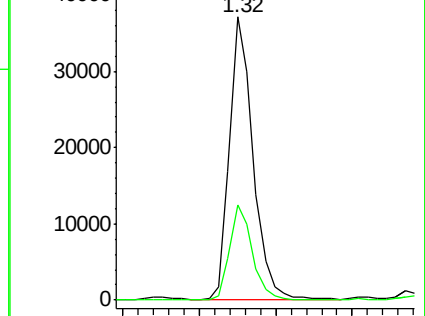
50 100

52 33.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.195 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002654.D

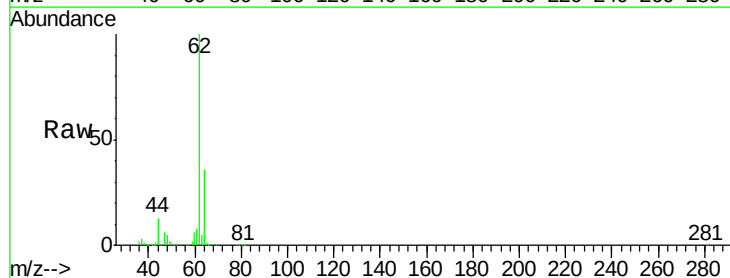
Acq: 16 Jun 2018 18:32

Tgt Ion: 62 Resp: 36853

Ion Ratio Lower Upper

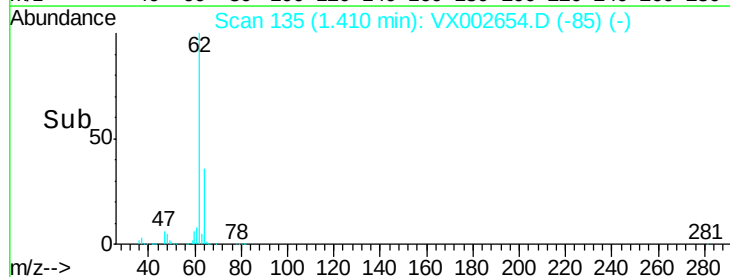
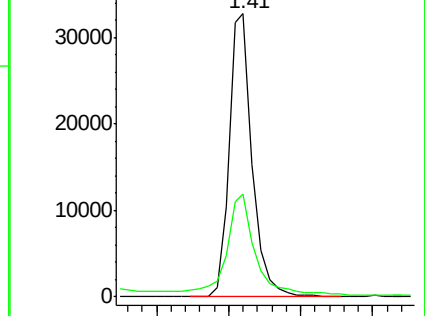
62 100

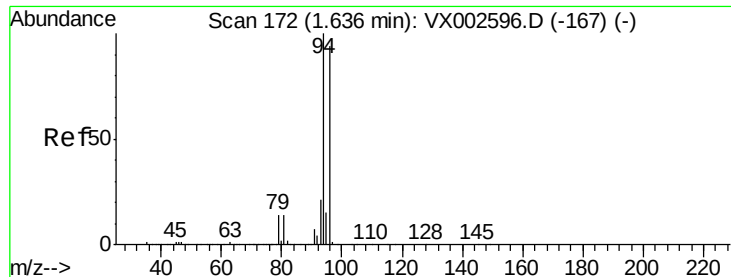
64 35.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.373 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

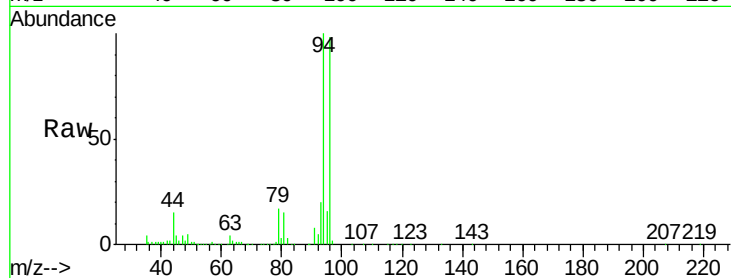
VX0616WBS01

Tot Ion: 94 Resp: 28564

Ion Ratio Lower Upper

94 100

96 97.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

30000

25000

20000

15000

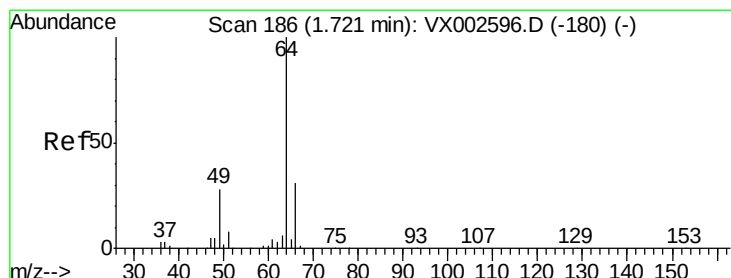
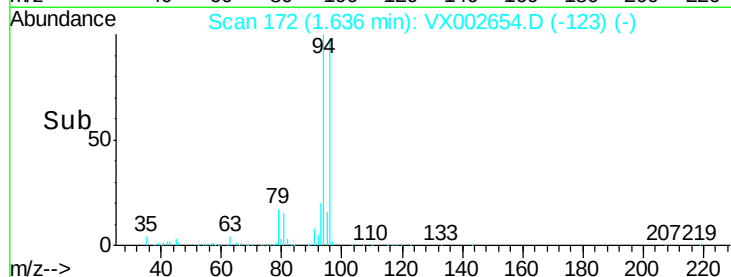
10000

5000

0

Time-->

1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 23.868 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002654.D

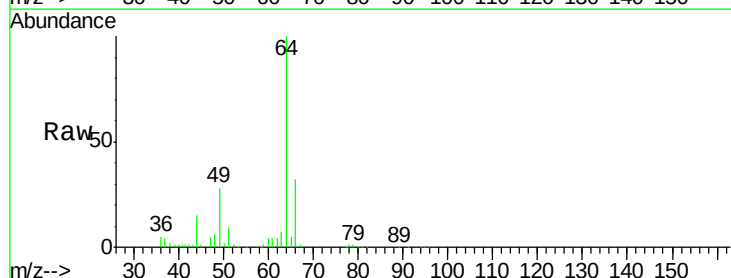
Acq: 16 Jun 2018 18:32

Tgt Ion: 64 Resp: 31863

Ion Ratio Lower Upper

64 100

66 32.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

25000

20000

15000

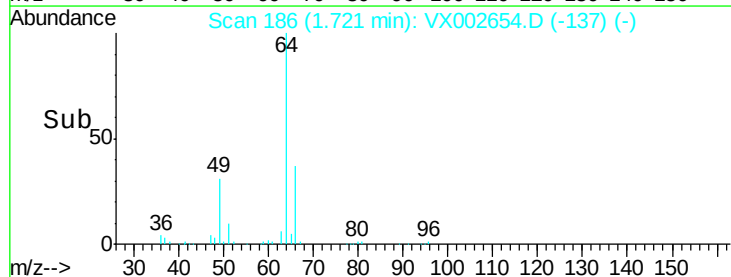
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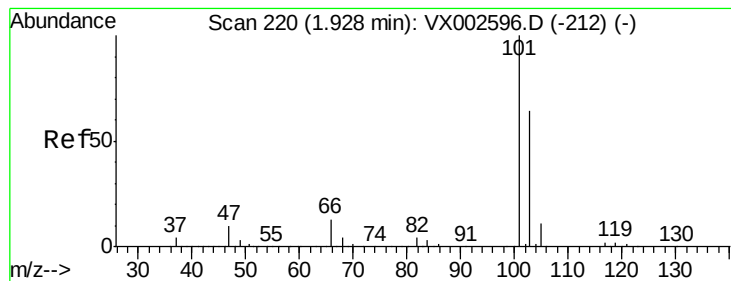
5000

0

Time-->

1.60 1.70 1.80



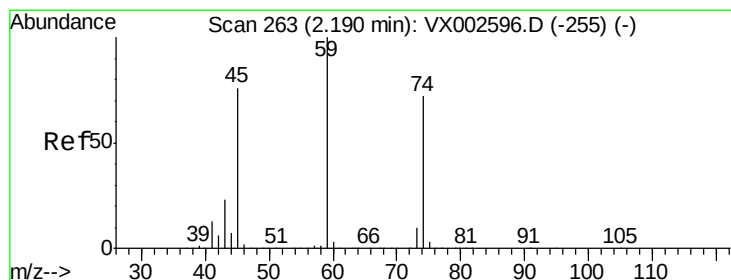
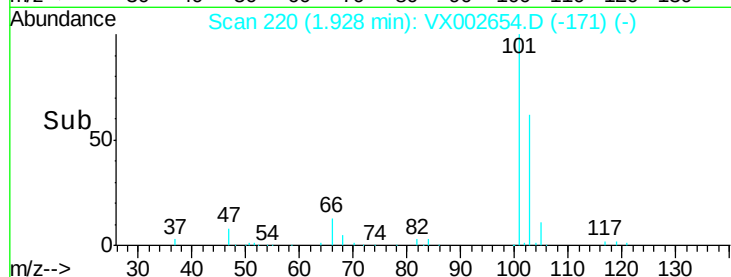
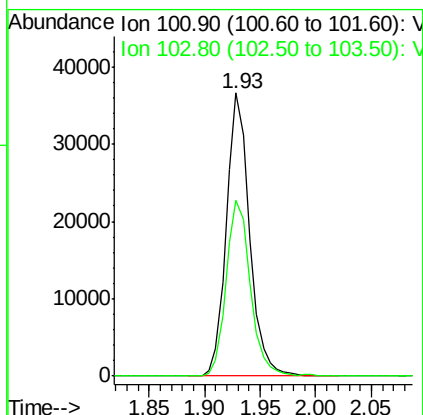
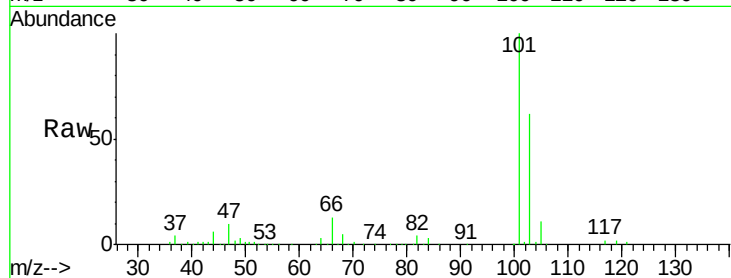


#7

Trichlorofluoromethane
Concen: 16.052 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

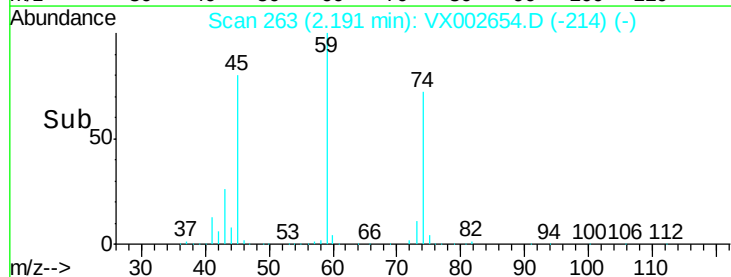
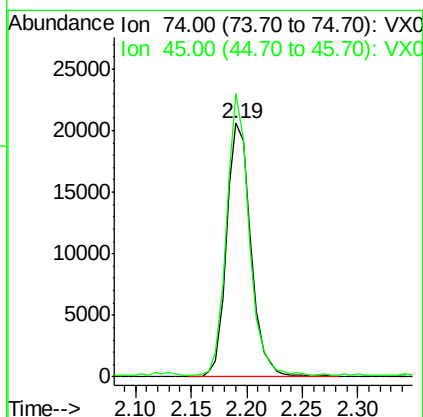
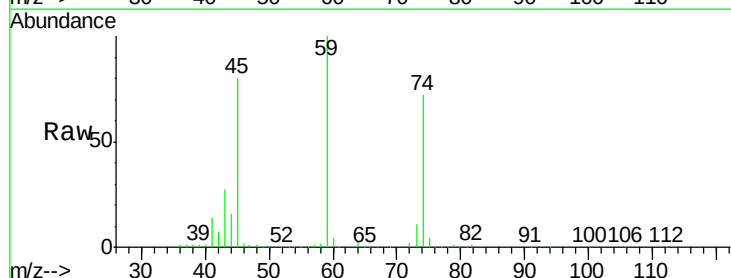
Tot Ion:101 Resp: 52821
Ion Ratio Lower Upper
101 100
103 62.2 52.8 79.2

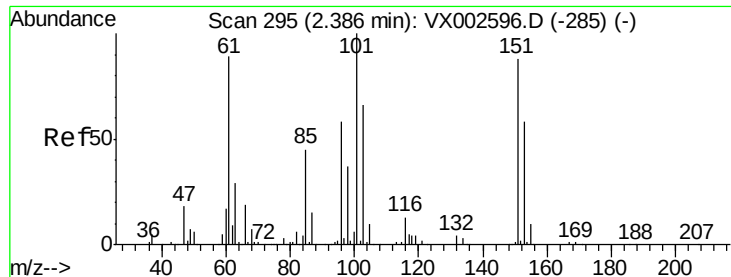


#8

Diethyl Ether
Concen: 24.896 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

Tgt Ion: 74 Resp: 31160
Ion Ratio Lower Upper
74 100
45 102.7 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 13.860 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

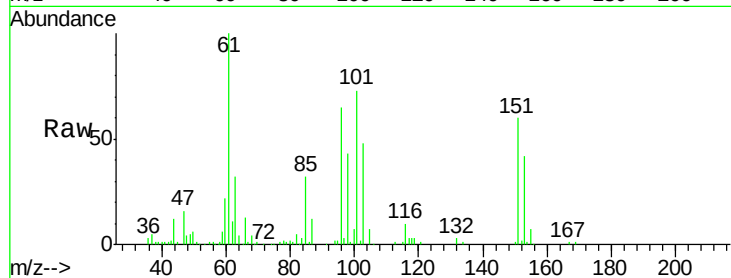
Tot Ion:101 Resp: 25494

Ion Ratio Lower Upper

101 100

85 46.0 36.0 54.0

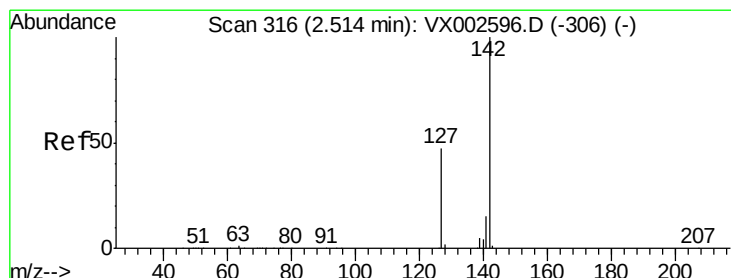
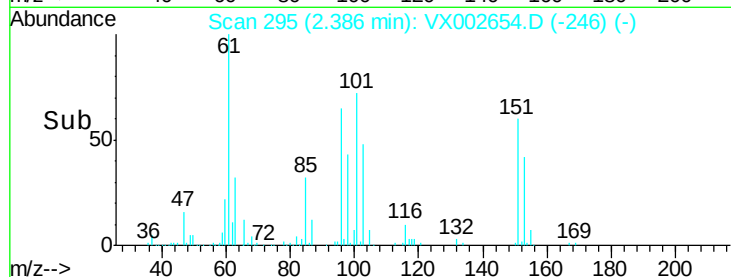
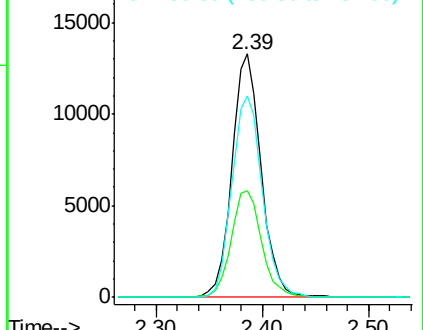
151 86.7 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.020 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

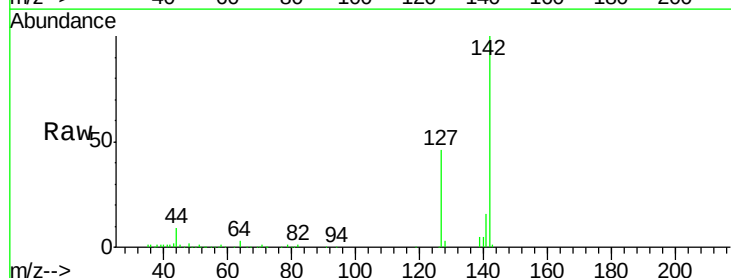
Tgt Ion:142 Resp: 38325

Ion Ratio Lower Upper

142 100

127 47.0 36.6 55.0

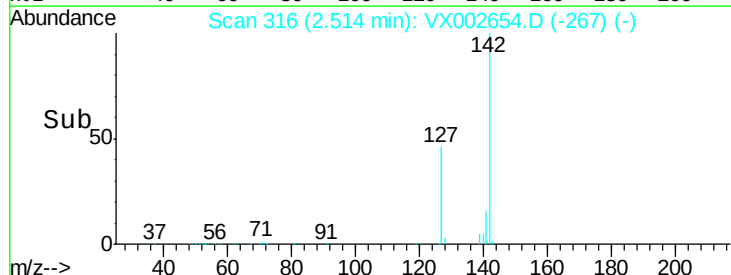
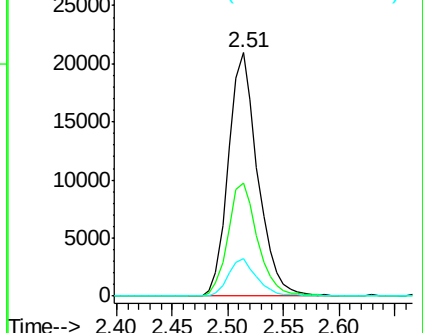
141 15.0 11.3 16.9

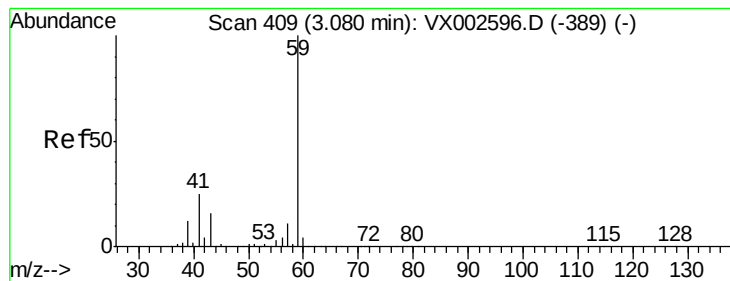


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 132.374 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

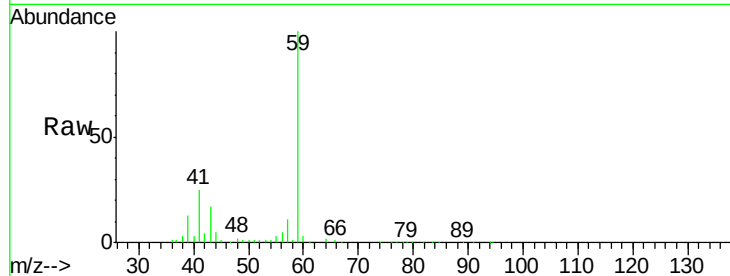
VX0616WBS01

Tot Ion: 59 Resp: 64274

Ion Ratio Lower Upper

59 100

57 11.3 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.08

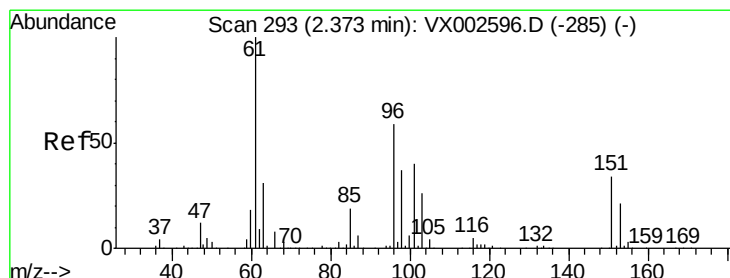
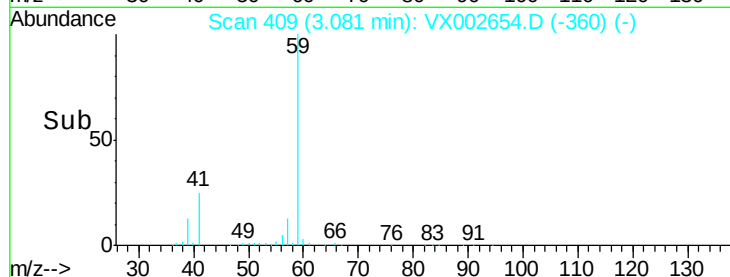
30000

20000

10000

0

Time--> 3.00 3.05 3.10 3.15



#12

1,1-Dichloroethene

Concen: 18.835 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

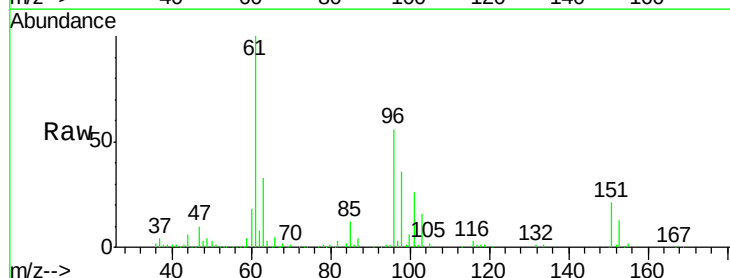
Tgt Ion: 96 Resp: 32528

Ion Ratio Lower Upper

96 100

61 177.3 137.9 206.9

98 64.1 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

40000

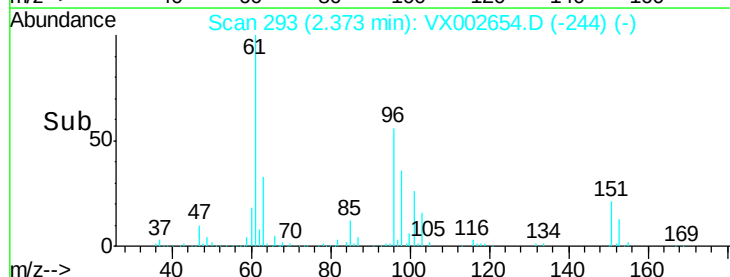
30000

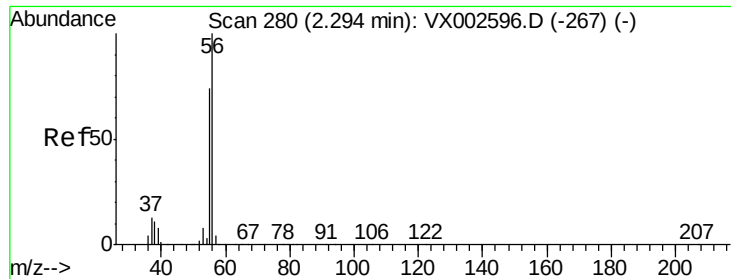
20000

10000

0

Time--> 2.30 2.35 2.40 2.45





#13

Acrolein

Concen: 109.148 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

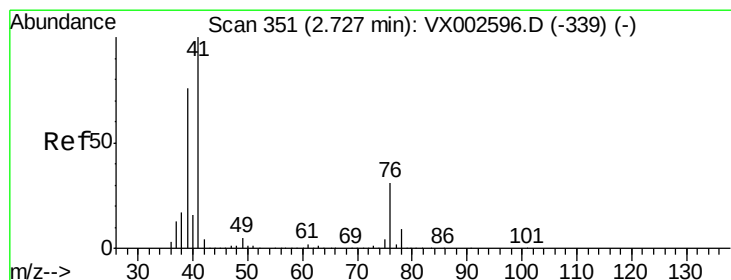
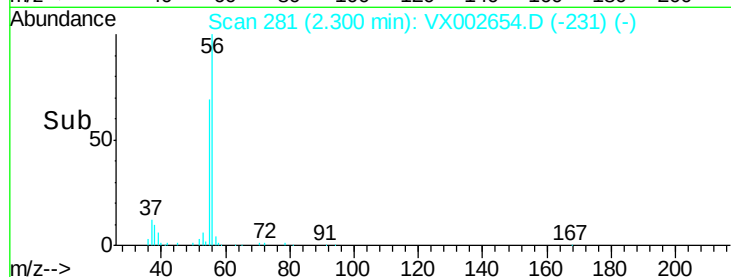
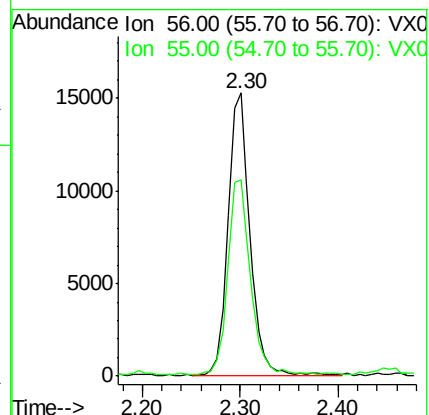
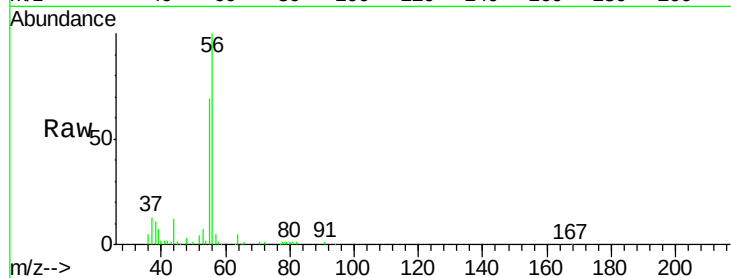
VX0616WBS01

Tot Ion: 56 Resp: 23940

Ion Ratio Lower Upper

56 100

55 71.0 57.0 85.4



#14

Allyl chloride

Concen: 23.481 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

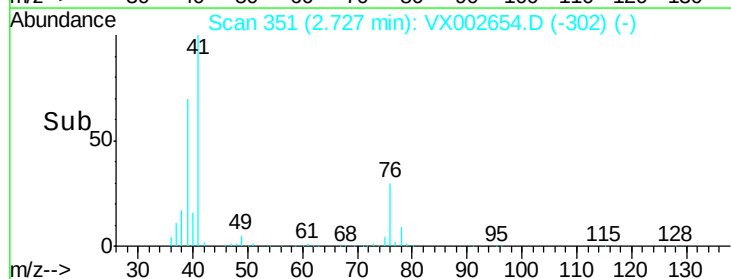
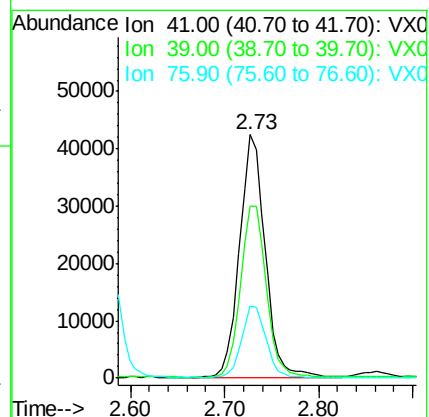
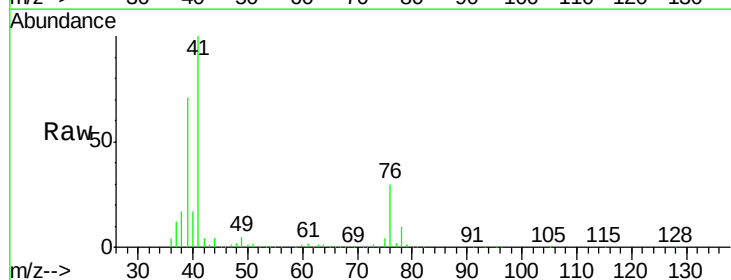
Tgt Ion: 41 Resp: 80516

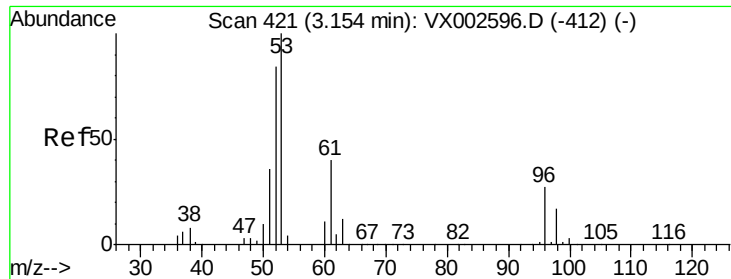
Ion Ratio Lower Upper

41 100

39 71.7 56.8 85.2

76 28.9 23.8 35.8





#15

Acrylonitrile

Concen: 132.438 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

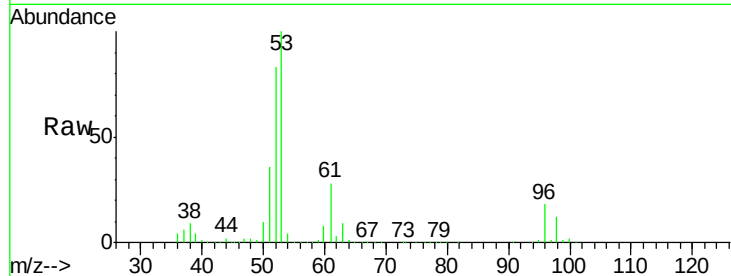
Tot Ion: 53 Resp: 140323

Ion Ratio Lower Upper

53 100

52 83.2 66.7 100.1

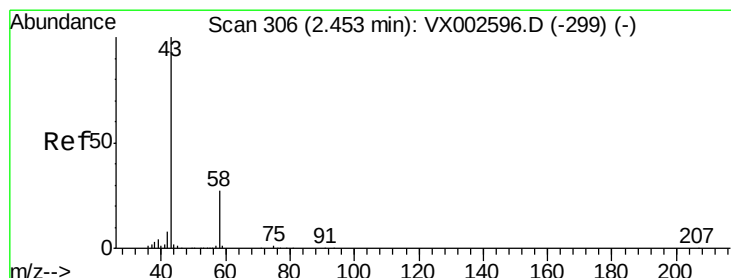
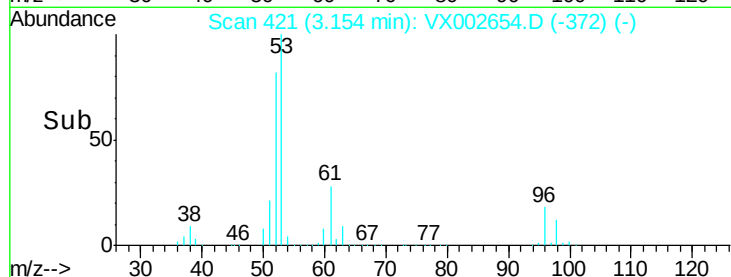
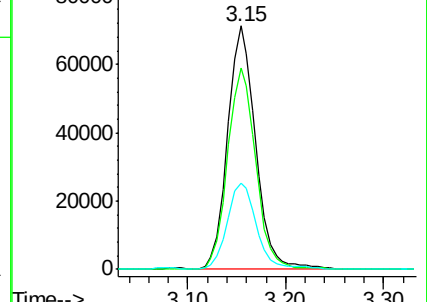
51 37.4 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 145.132 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002654.D

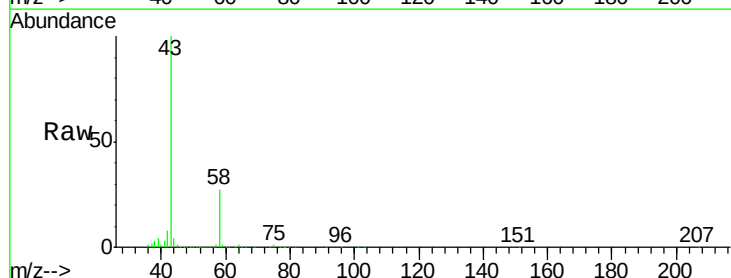
Acq: 16 Jun 2018 18:32

Tgt Ion: 43 Resp: 150392

Ion Ratio Lower Upper

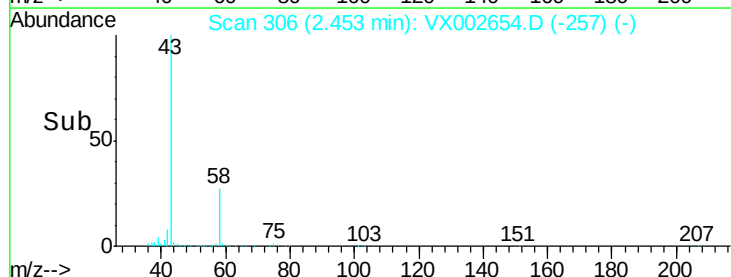
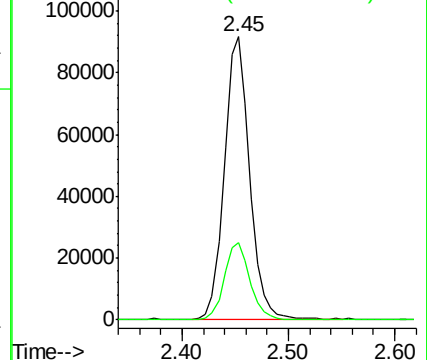
43 100

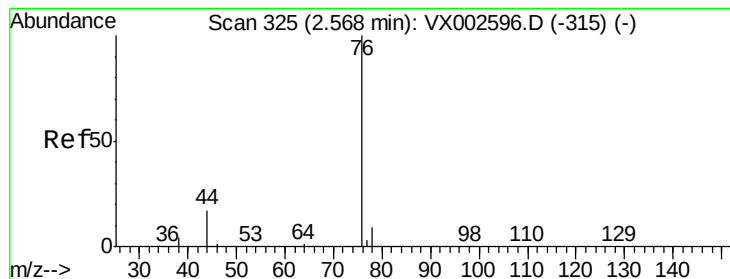
58 27.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.687 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampled :

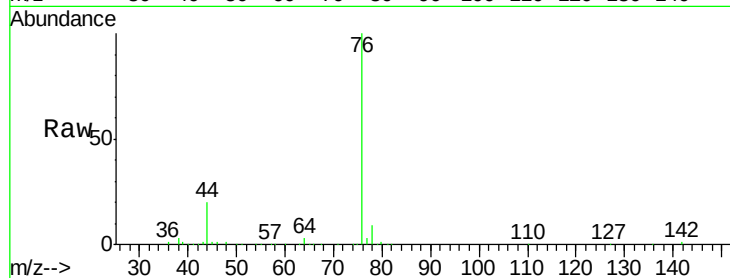
VX0616WBS01

Tot Ion: 76 Resp: 80639

Ion Ratio Lower Upper

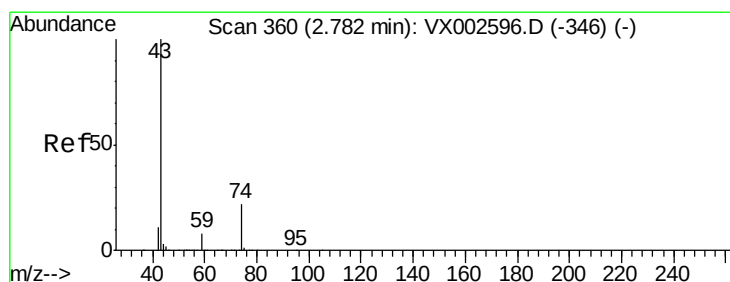
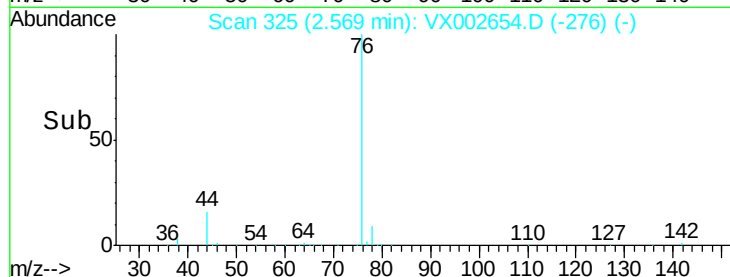
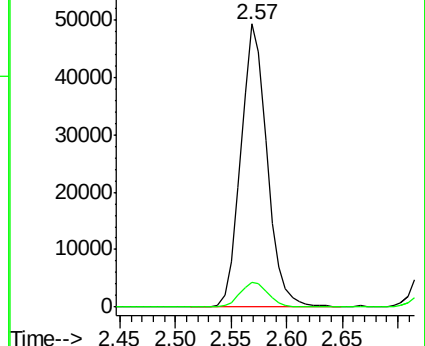
76 100

78 8.7 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 27.967 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002654.D

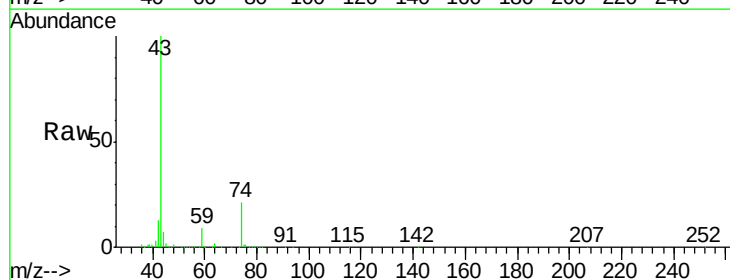
Acq: 16 Jun 2018 18:32

Tgt Ion: 43 Resp: 77207

Ion Ratio Lower Upper

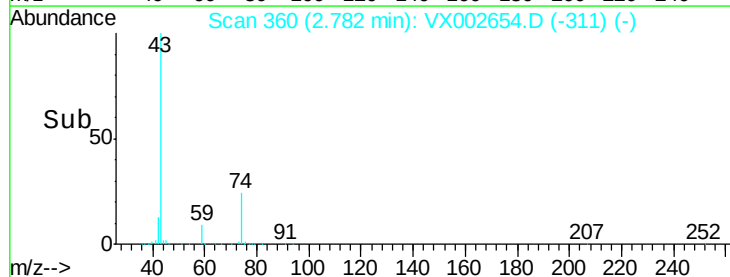
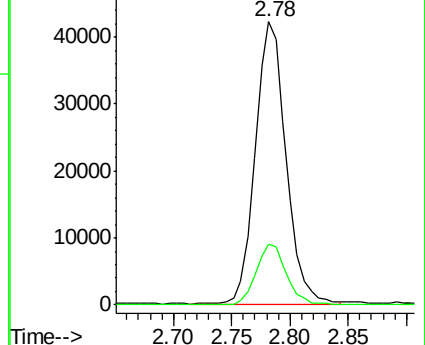
43 100

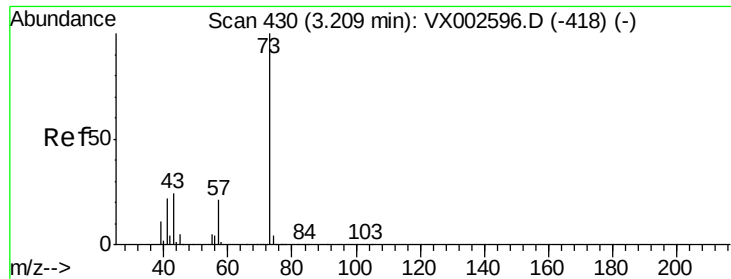
74 21.6 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

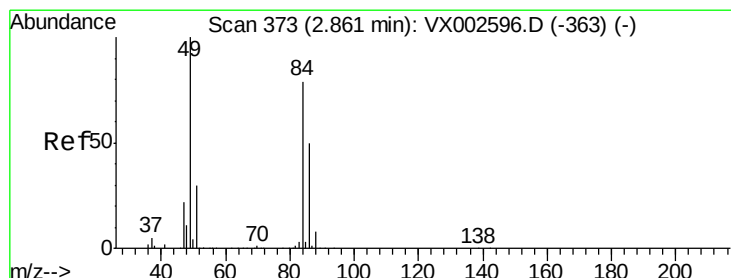
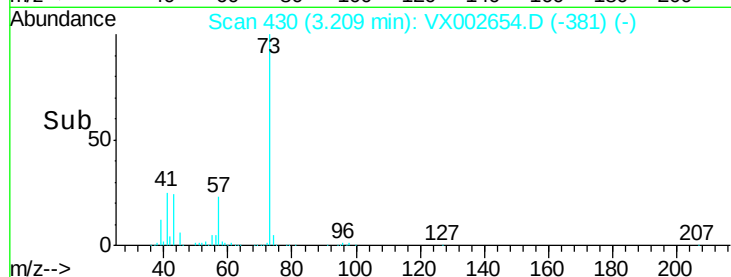
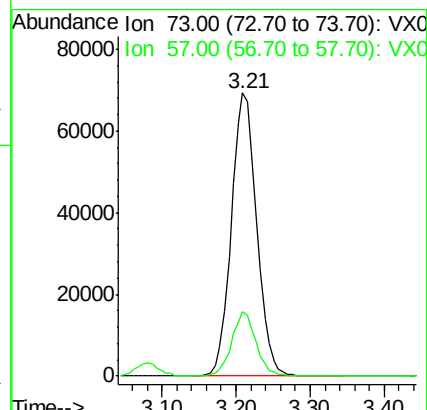
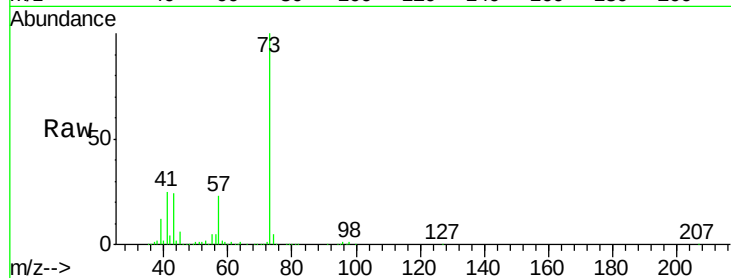




#19
Methyl tert-butyl Ether
Concen: 25.455 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

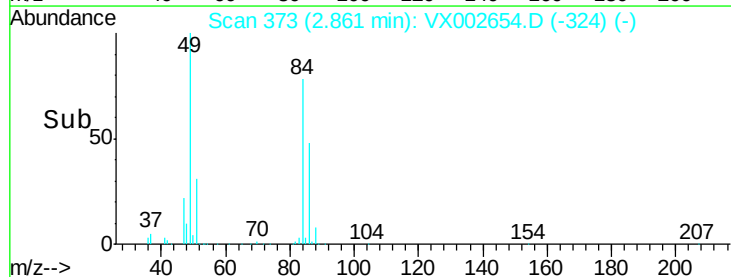
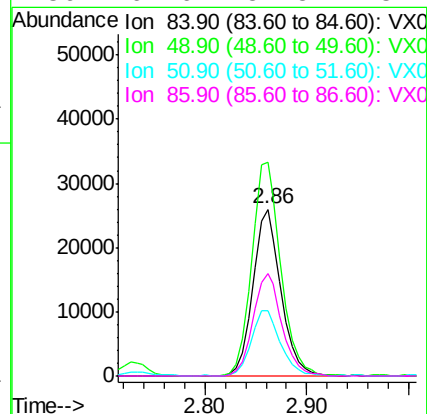
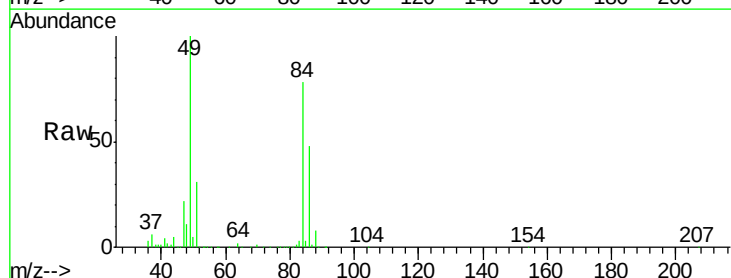
Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

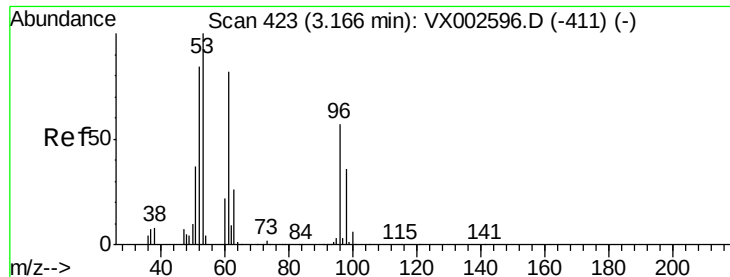
Tot Ion: 73 Resp: 164914
Ion Ratio Lower Upper
73 100
57 22.7 17.7 26.5



#20
Methylene Chloride
Concen: 23.299 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

Tgt Ion: 84 Resp: 49503
Ion Ratio Lower Upper
84 100
49 127.9 107.8 161.6
51 39.0 32.8 49.2
86 61.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 21.900 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampled :

VX0616WBS01

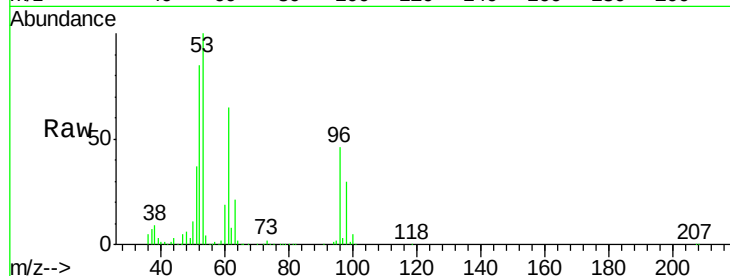
Tot Ion: 96 Resp: 41031

Ion Ratio Lower Upper

96 100

61 140.2 117.0 175.4

98 64.9 52.4 78.6

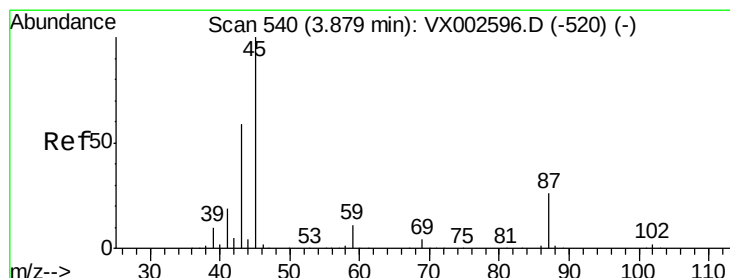
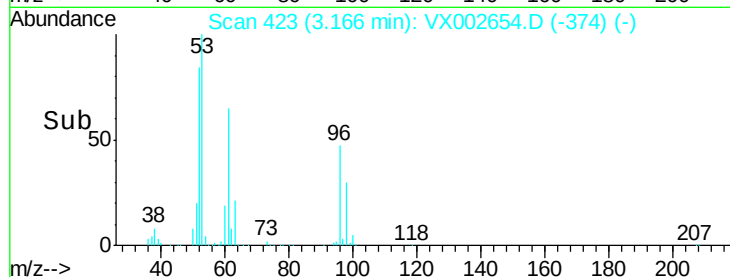
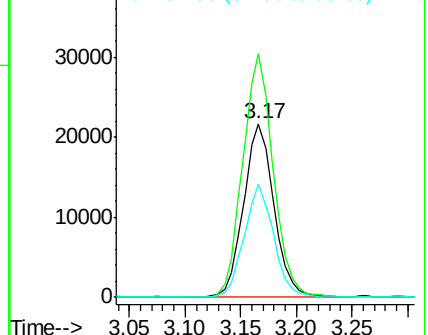


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 24.243 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Tgt Ion: 45 Resp: 150403

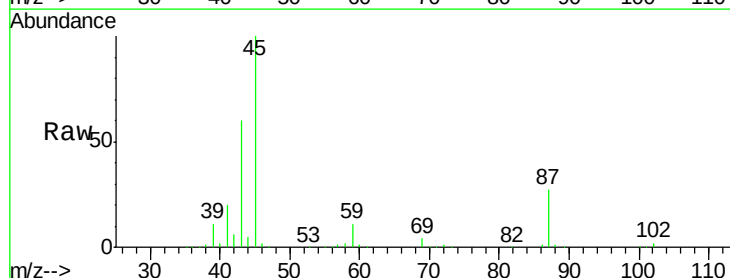
Ion Ratio Lower Upper

45 100

43 60.0 46.8 70.2

87 27.2 20.2 30.4

59 11.1 8.7 13.1



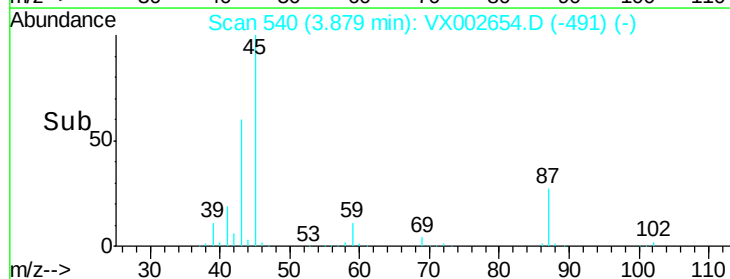
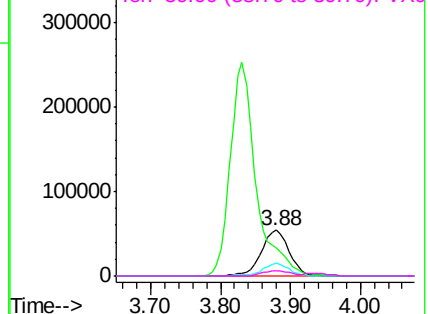
Abundance

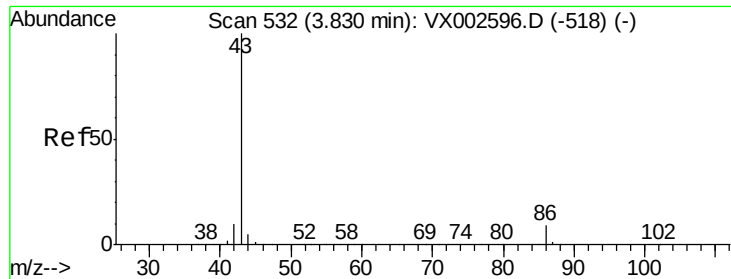
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 125.178 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

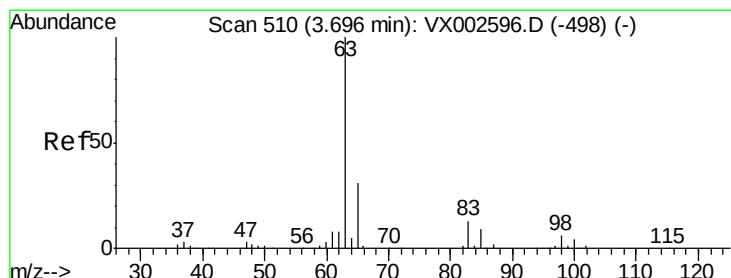
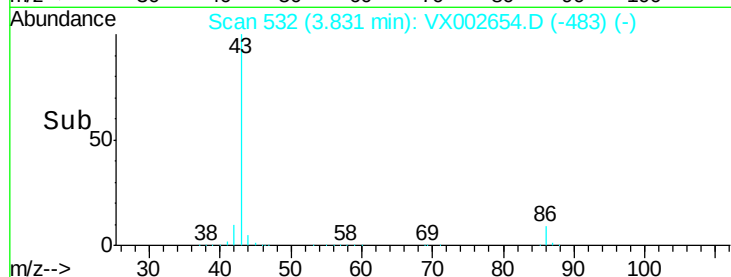
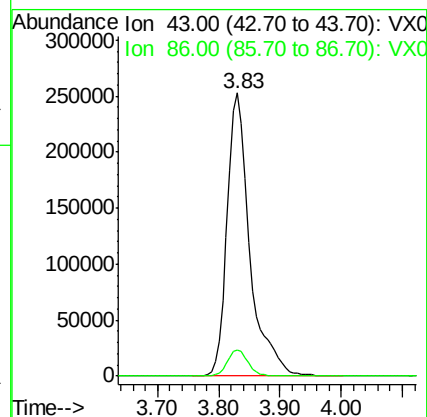
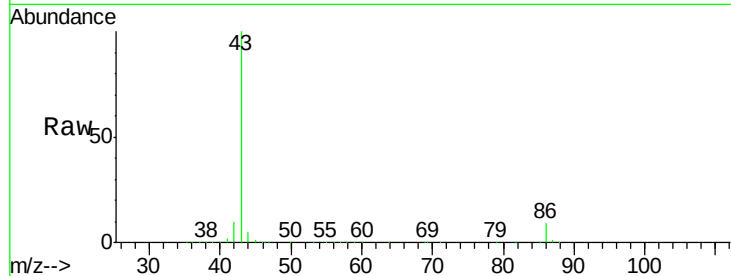
VX0616WBS01

Tot Ion: 43 Resp: 649980

Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0



#24

1,1-Dichloroethane

Concen: 22.548 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

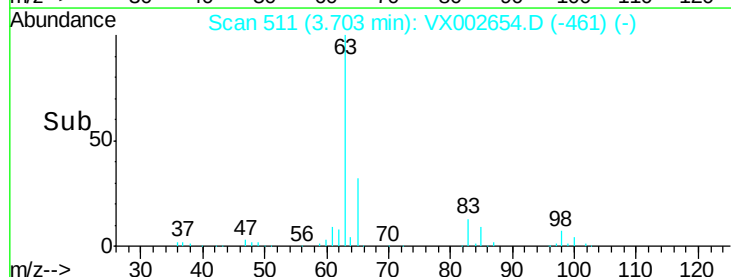
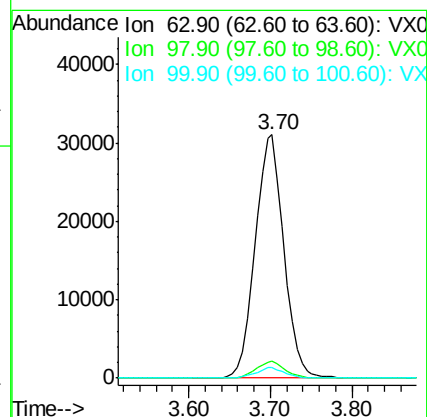
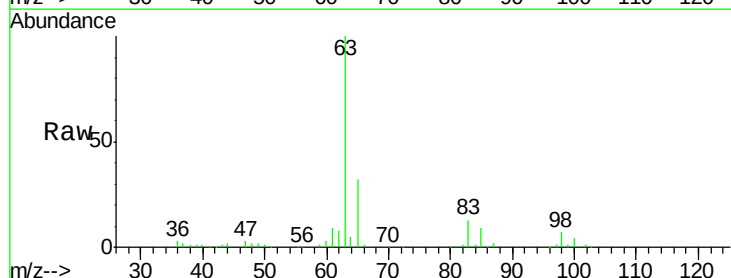
Tgt Ion: 63 Resp: 75924

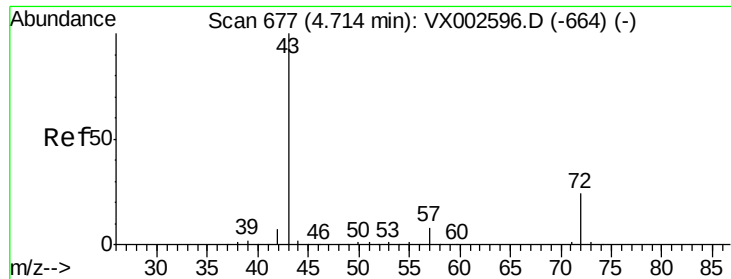
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 139.448 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampled :

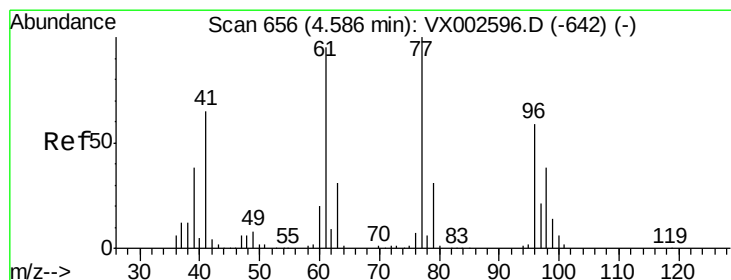
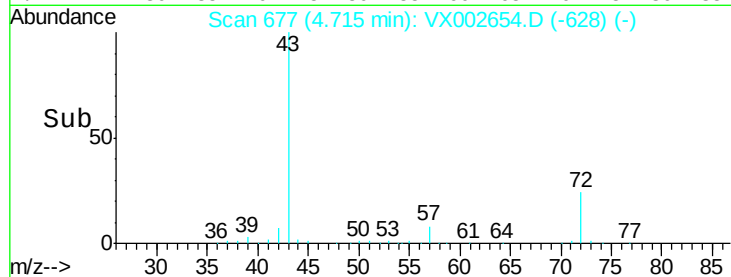
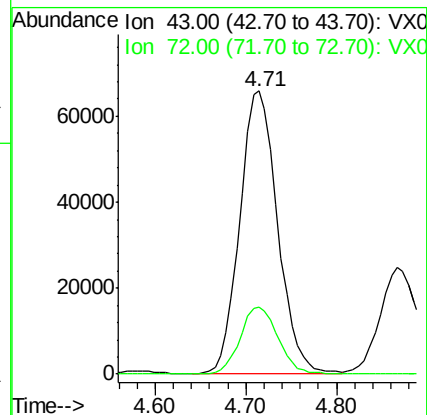
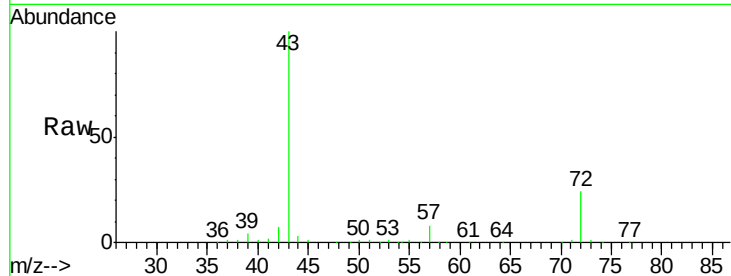
VX0616WBS01

Tot Ion: 43 Resp: 189769

Ion Ratio Lower Upper

43 100

72 23.7 18.5 27.7



#26

2,2-Dichloropropane

Concen: 21.353 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002654.D

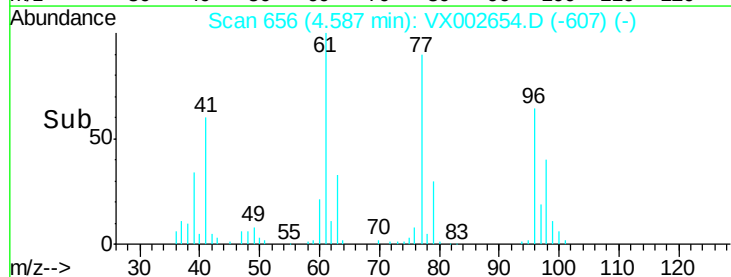
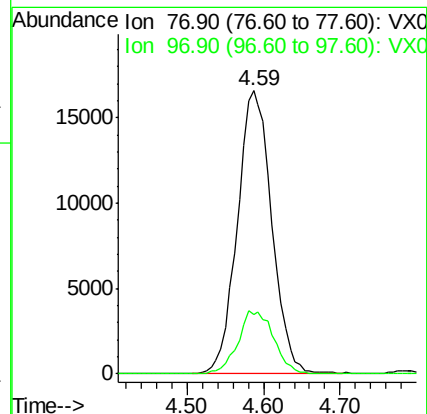
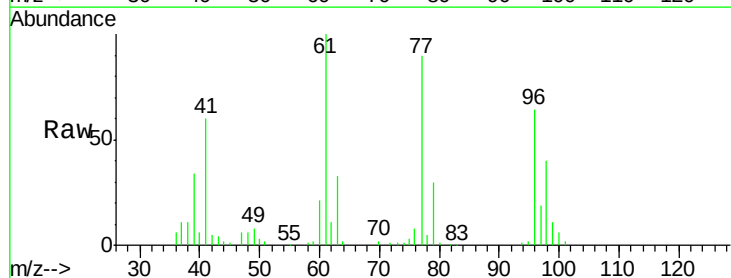
Acq: 16 Jun 2018 18:32

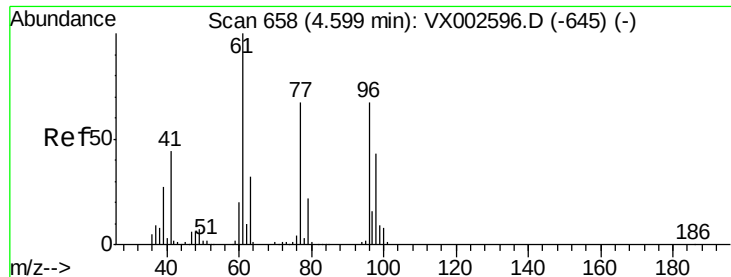
Tgt Ion: 77 Resp: 51663

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.5



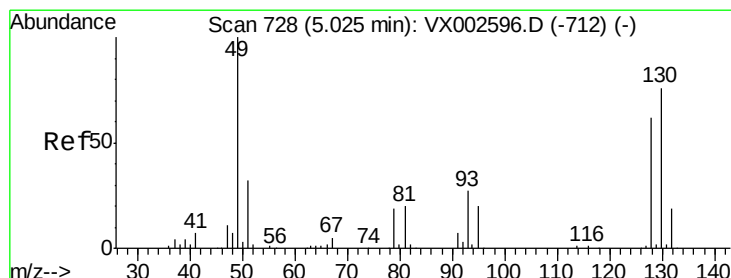
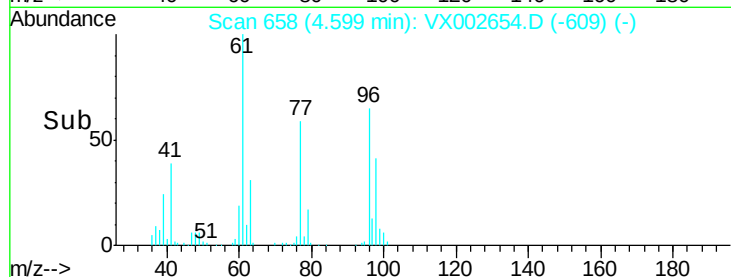
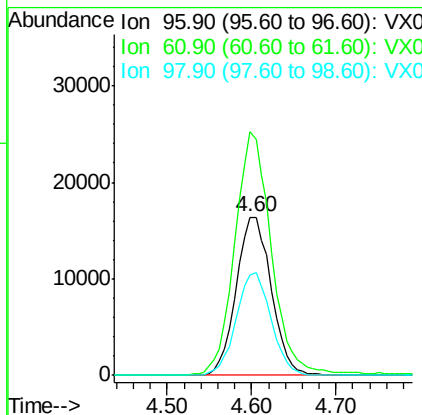
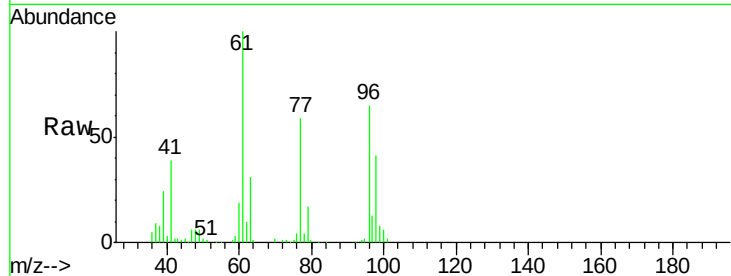


#27

cis-1,2-Dichloroethene
Concen: 24.275 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

Instrument :
MSVOA_X
ClientSampled :
VX0616WBS01

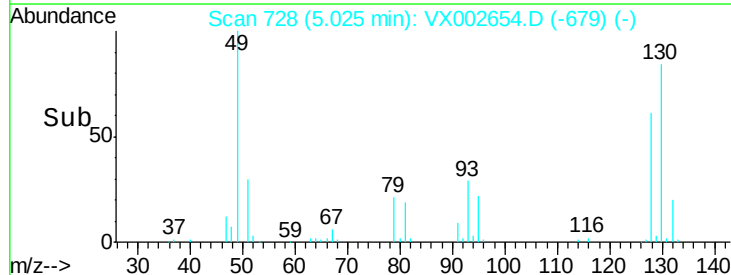
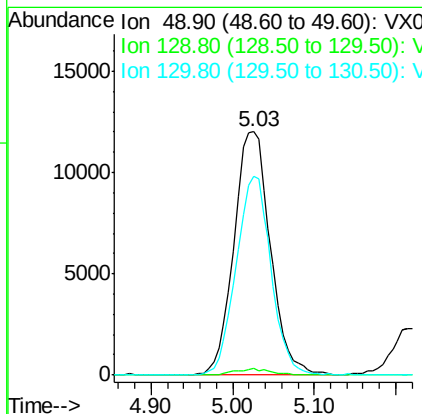
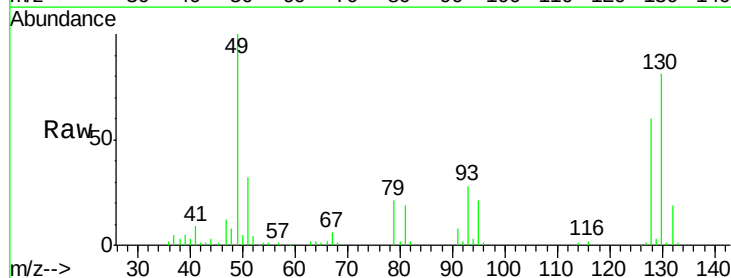
Tot Ion: 96 Resp: 46277
Ion Ratio Lower Upper
96 100
61 160.8 0.0 330.2
98 64.1 0.0 130.2

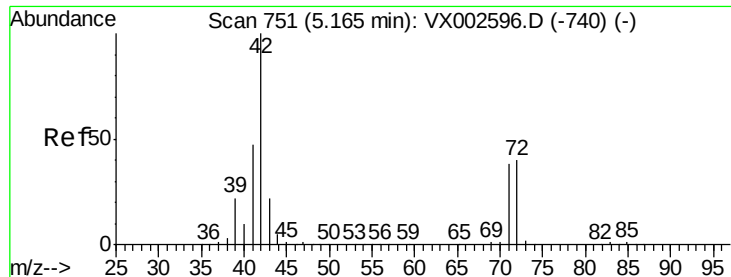


#28

Bromochloromethane
Concen: 23.586 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

Tgt Ion: 49 Resp: 37193
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.2
130 78.2 61.2 91.8

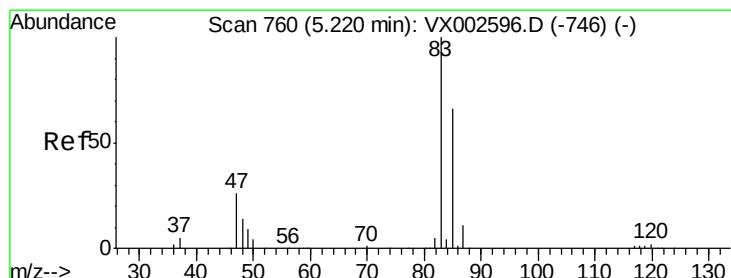
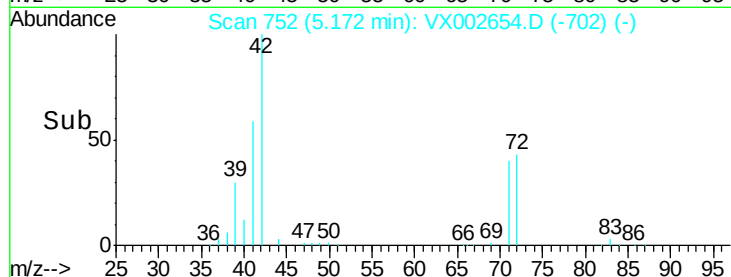
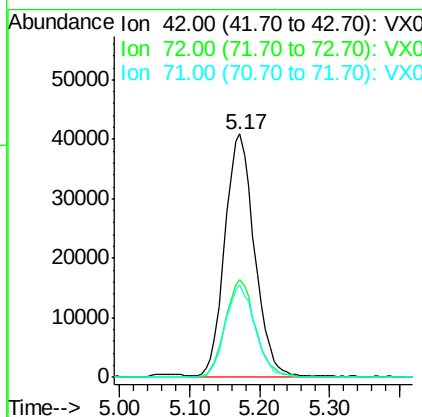
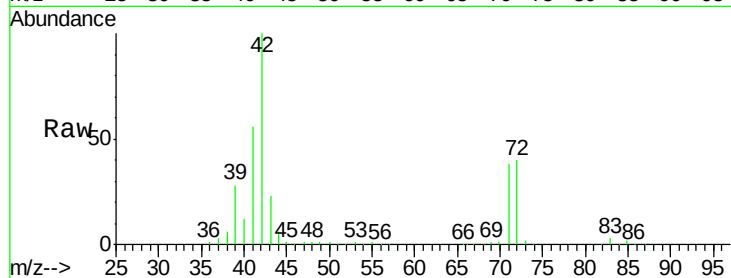




#29
Tetrahydrofuran
Concen: 134.315 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

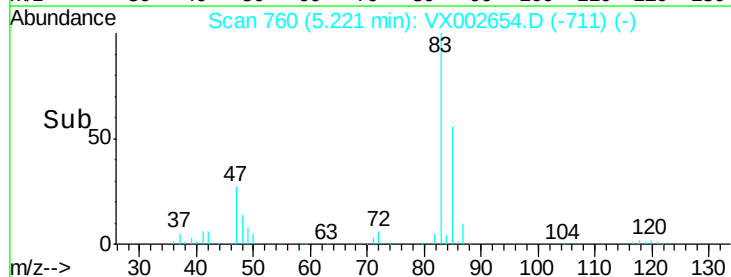
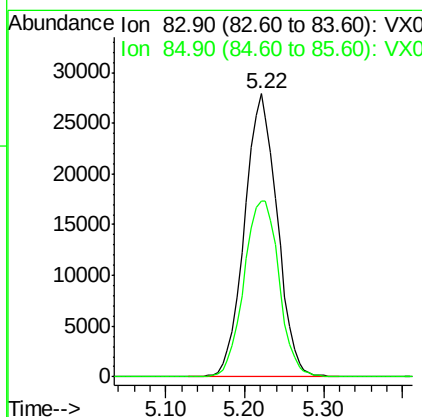
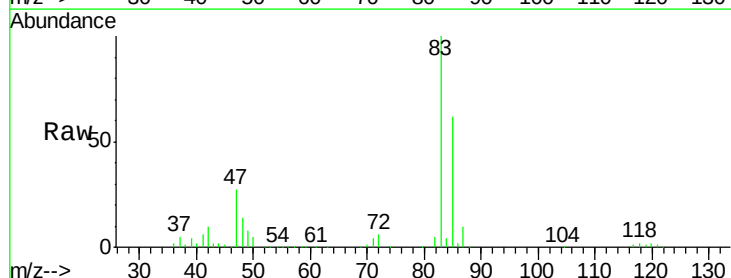
Instrument :
MSVOA_X
ClientSampled :
VX0616WBS01

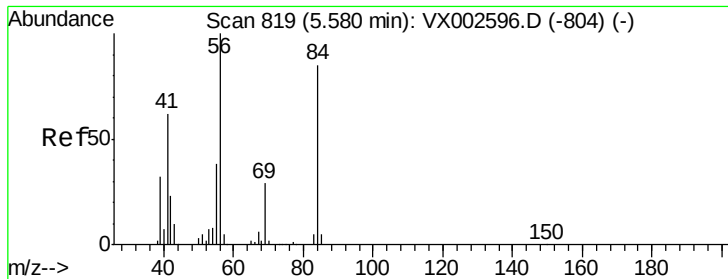
Tot Ion: 42 Resp: 119793
Ion Ratio Lower Upper
42 100
72 41.1 32.0 48.0
71 38.4 30.1 45.1



#30
Chloroform
Concen: 24.765 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

Tgt Ion: 83 Resp: 80412
Ion Ratio Lower Upper
83 100
85 62.0 50.4 75.6





#31

Cyclohexane

Concen: 14.222 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampled :

VX0616WBS01

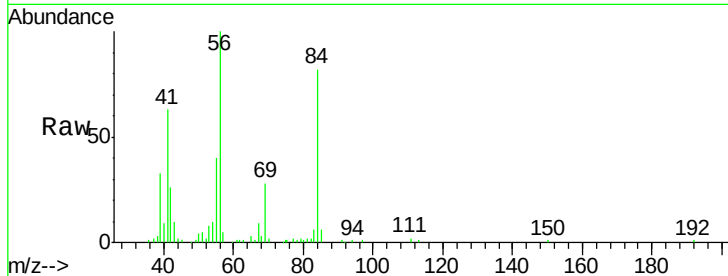
Tot Ion: 56 Resp: 39428

Ion Ratio Lower Upper

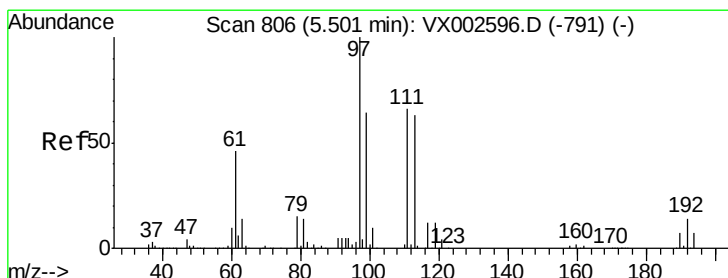
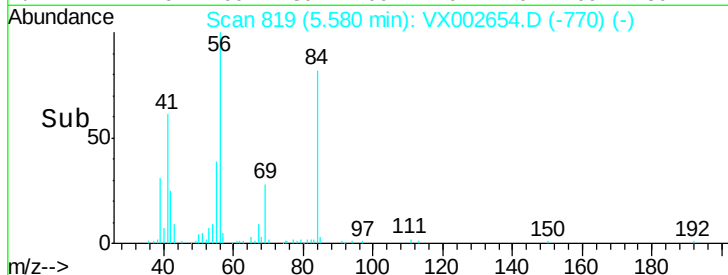
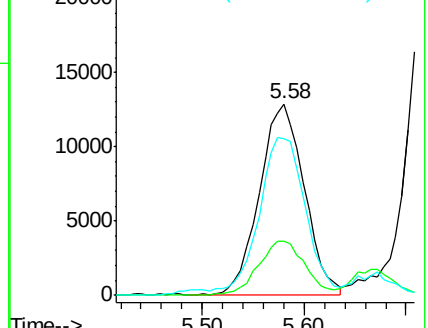
56 100

69 28.3 23.7 35.5

84 79.0 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 21.572 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

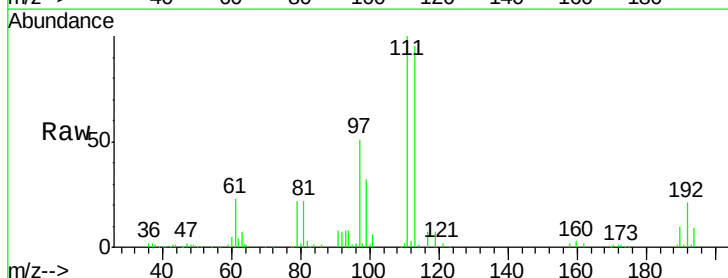
Tgt Ion: 97 Resp: 58583

Ion Ratio Lower Upper

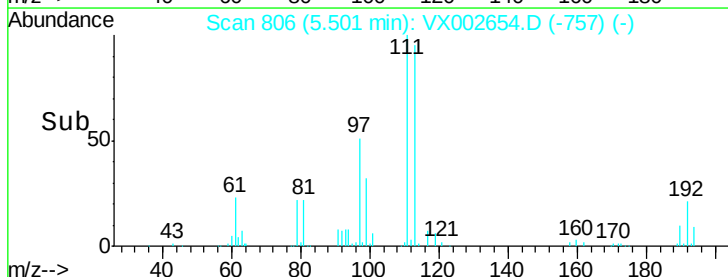
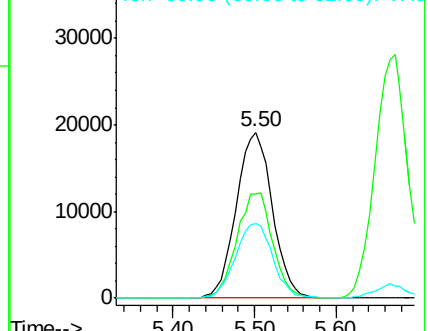
97 100

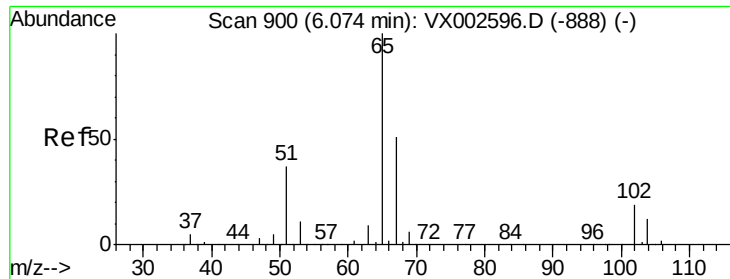
99 63.3 51.6 77.4

61 46.7 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

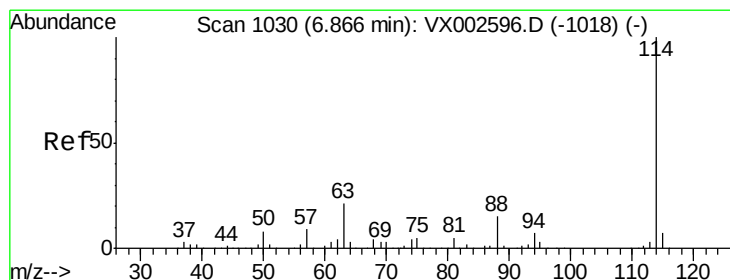
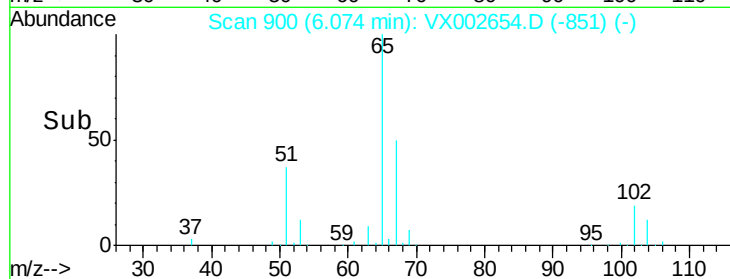
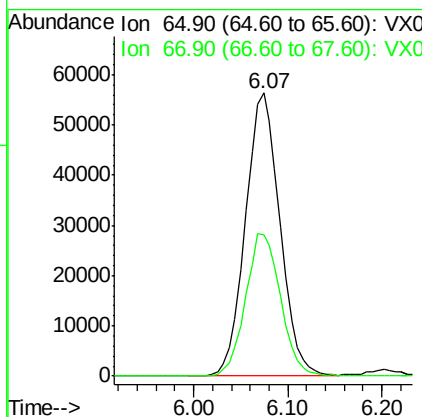
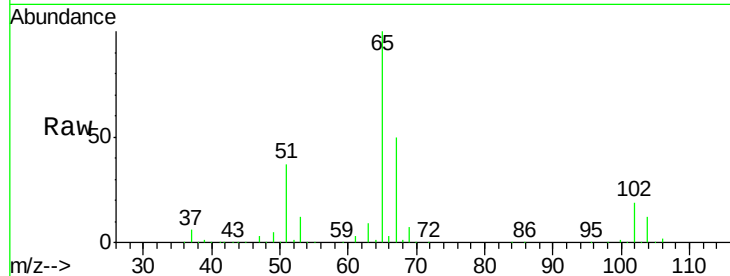




#33
 1,2-Dichloroethane-d4
 Concen: 61.675 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002654.D
 Acq: 16 Jun 2018 18:32

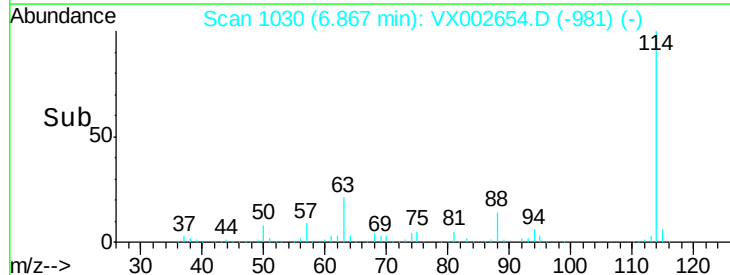
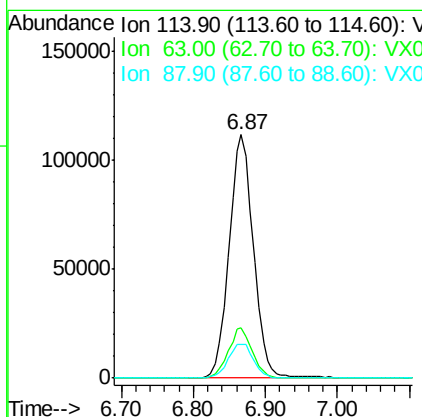
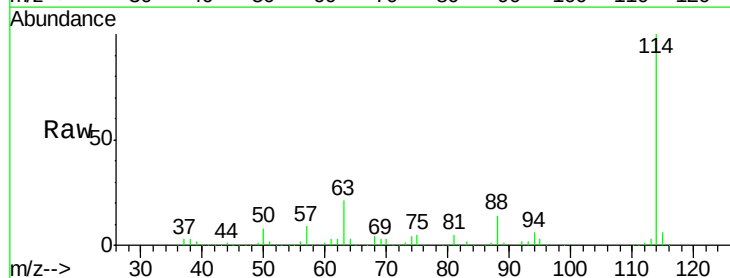
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

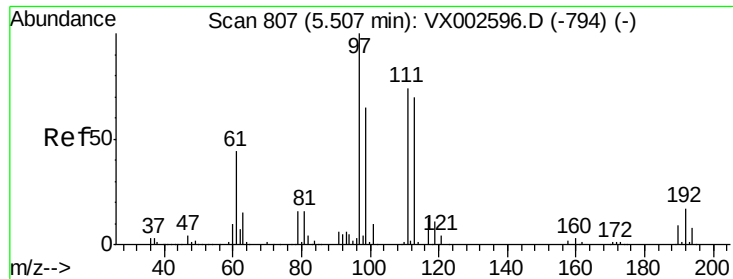
Tot Ion: 65 Resp: 144859
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002654.D
 Acq: 16 Jun 2018 18:32

Tgt Ion: 114 Resp: 262681
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 13.9 0.0 30.0

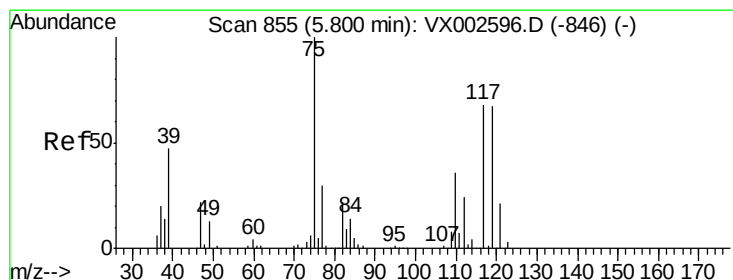
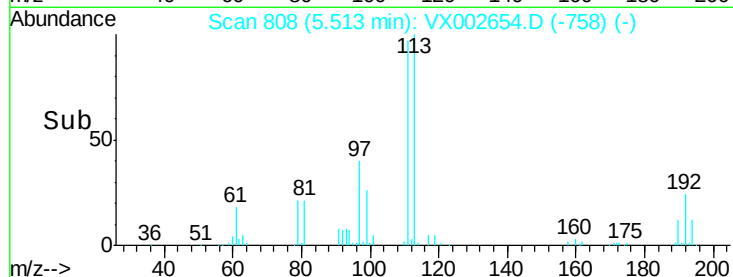
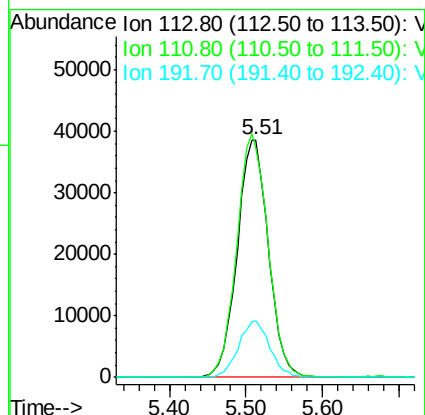
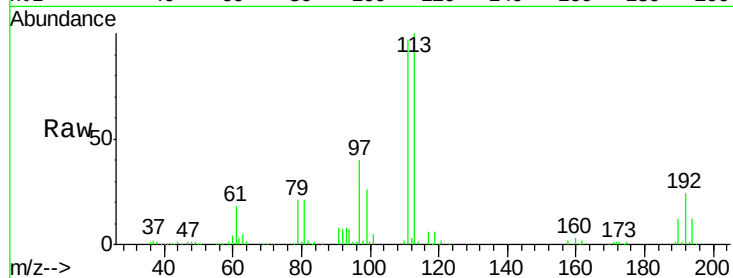




#35
 Dibromofluoromethane
 Concen: 52.054 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002654.D
 Acq: 16 Jun 2018 18:32

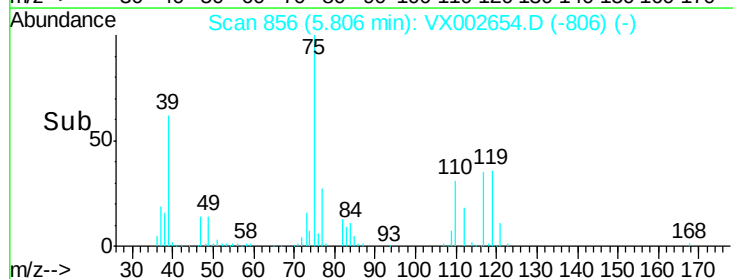
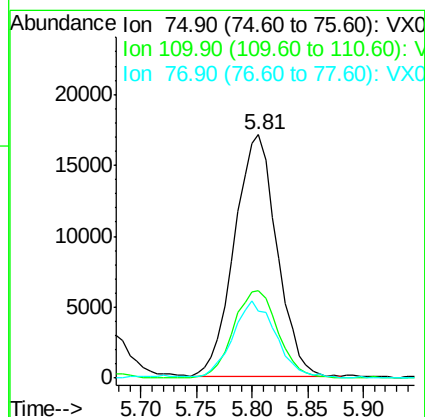
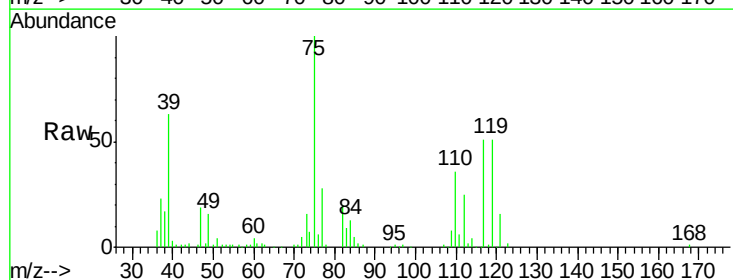
Instrument :
 MSVOA_X
 ClientSampled :
 VX0616WBS01

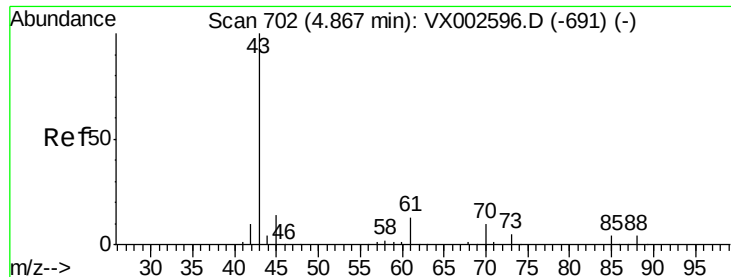
Tot Ion:113 Resp: 109128
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 23.8 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 16.109 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002654.D
 Acq: 16 Jun 2018 18:32

Tgt Ion: 75 Resp: 44942
 Ion Ratio Lower Upper
 75 100
 110 38.3 18.1 54.4
 77 32.9 24.3 36.5

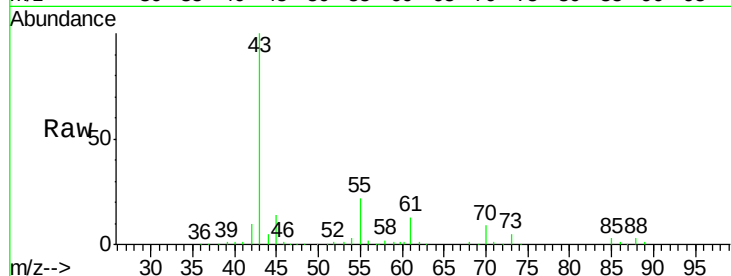




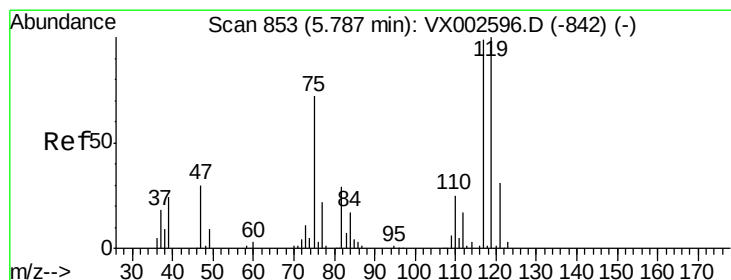
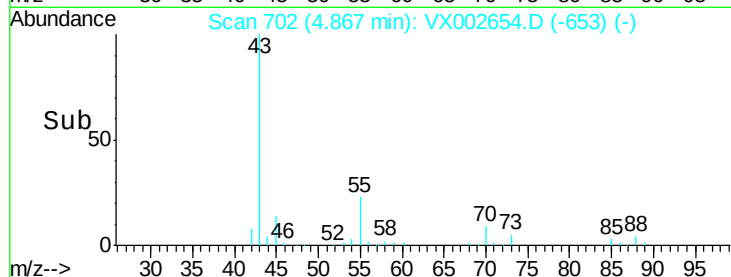
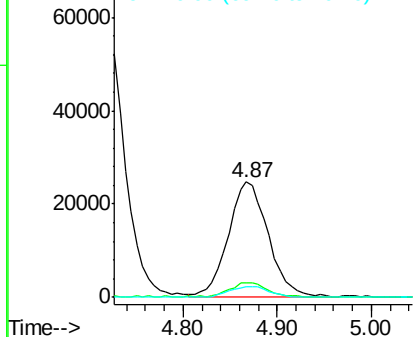
#37
Ethyl Acetate
Concen: 22.782 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

Instrument :
MSVOA_X
ClientSampled :
VX0616WBS01

Tot Ion: 43 Resp: 71939
Ion Ratio Lower Upper
43 100
61 13.4 10.4 15.6
70 9.6 7.6 11.4

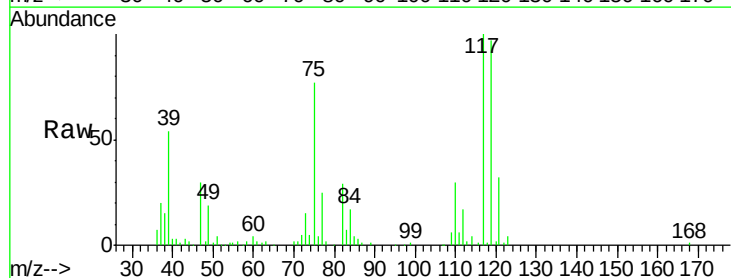


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

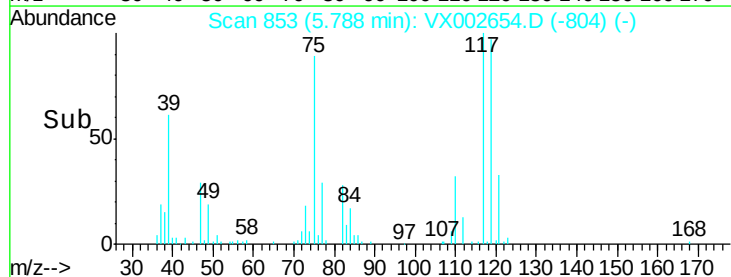
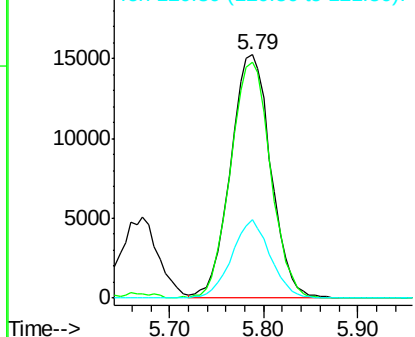


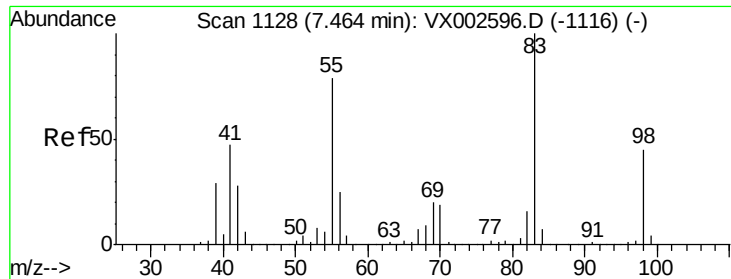
#38
Carbon Tetrachloride
Concen: 16.384 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

Tgt Ion: 117 Resp: 45517
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0
121 32.2 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

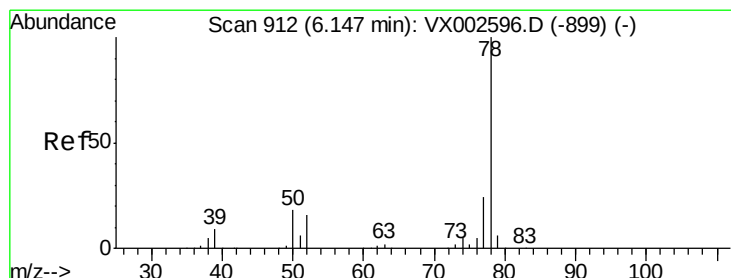
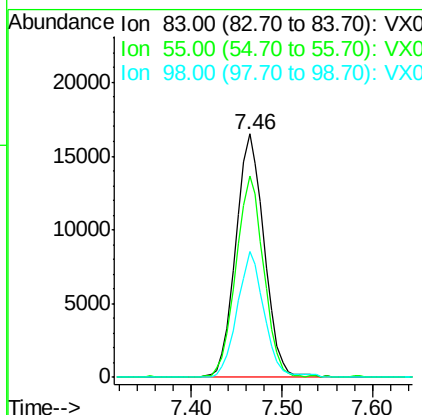
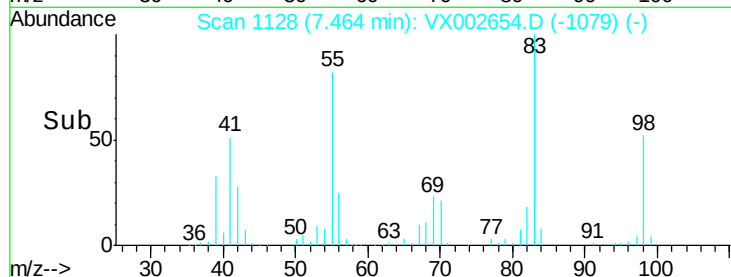
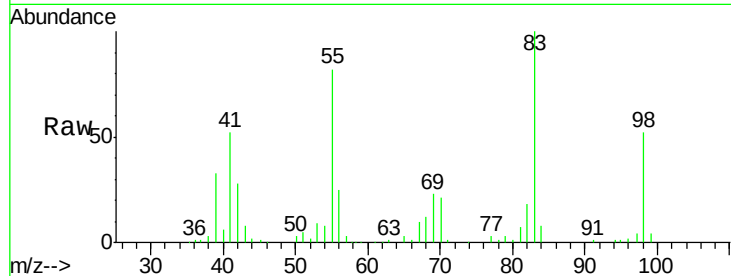




#39
Methylvlcyclohexane
Concen: 11.011 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

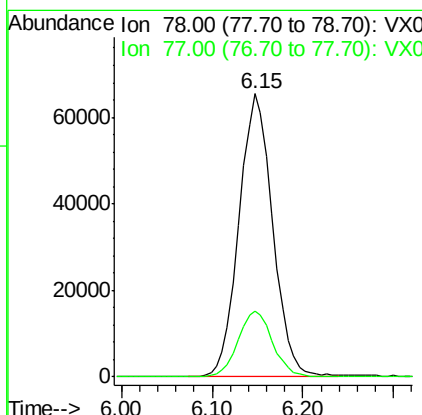
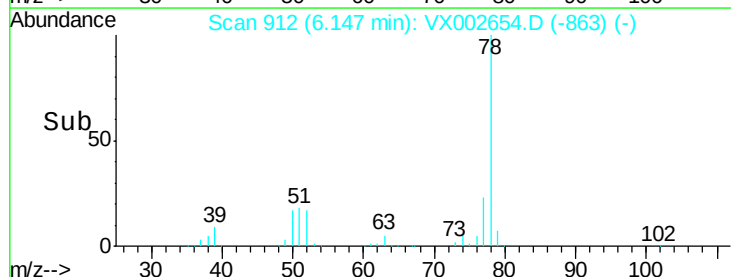
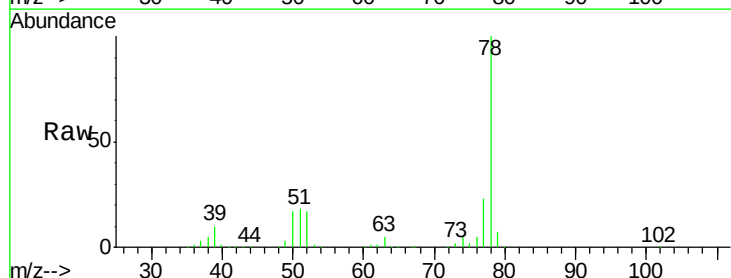
Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

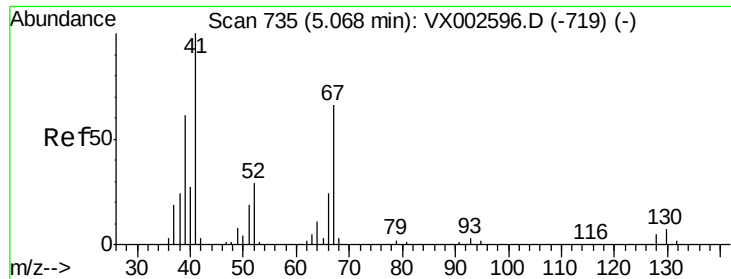
Tot Ion: 83 Resp: 35911
Ion Ratio Lower Upper
83 100
55 82.5 65.4 98.0
98 51.7 37.4 56.0



#40
Benzene
Concen: 20.154 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

Tgt Ion: 78 Resp: 168597
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7





#41

Methacrylonitrile

Concen: 22.747 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

Tot Ion: 41 Resp: 40555

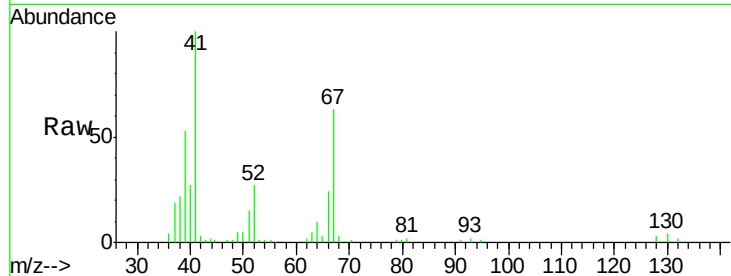
Ion Ratio Lower Upper

41 100

39 56.1 45.8 68.6

67 66.9 51.3 76.9

52 30.9 23.0 34.6

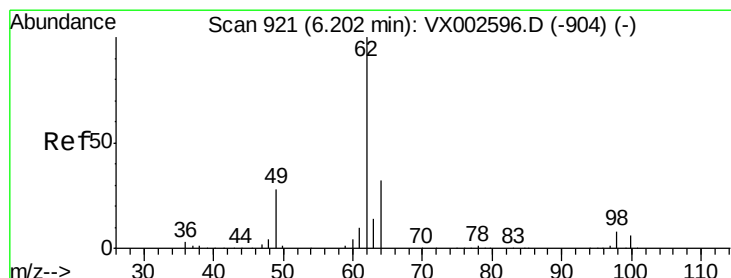
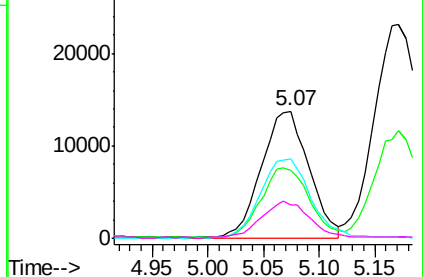
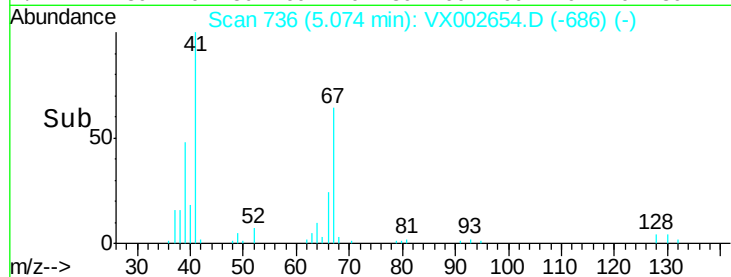


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 22.638 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX002654.D

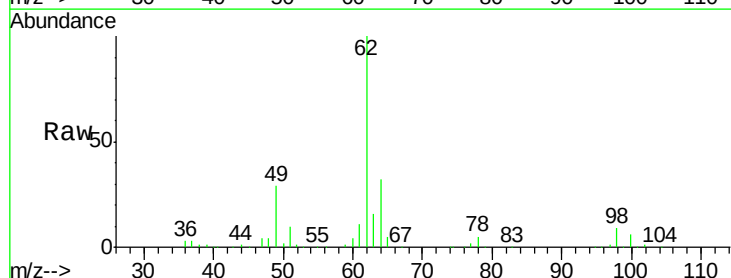
Acq: 16 Jun 2018 18:32

Tgt Ion: 62 Resp: 73317

Ion Ratio Lower Upper

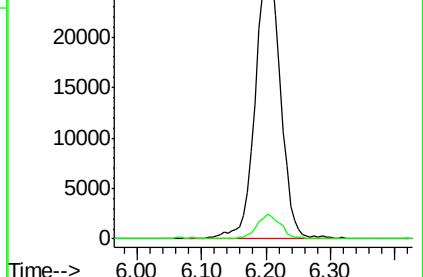
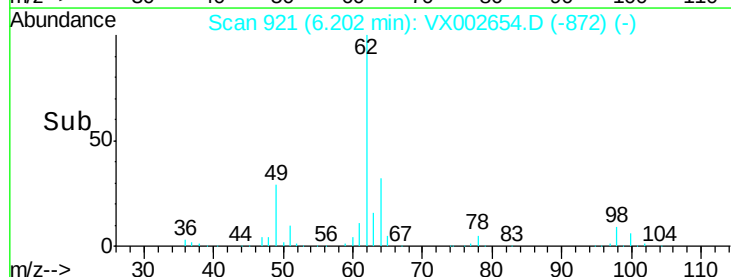
62 100

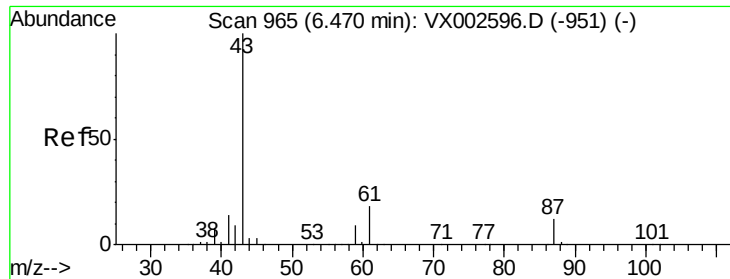
98 8.5 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.475 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

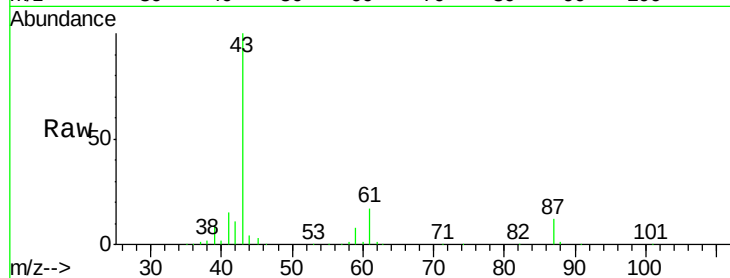
Tot Ion: 43 Resp: 112351

Ion Ratio Lower Upper

43 100

61 18.1 14.4 21.6

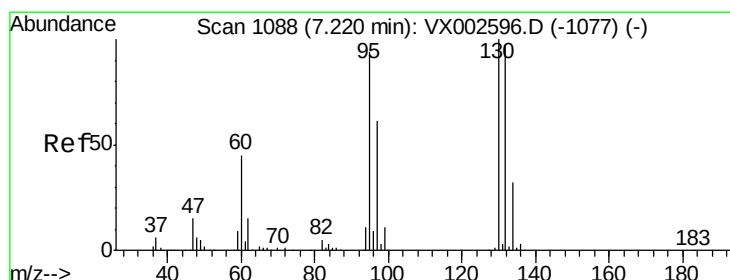
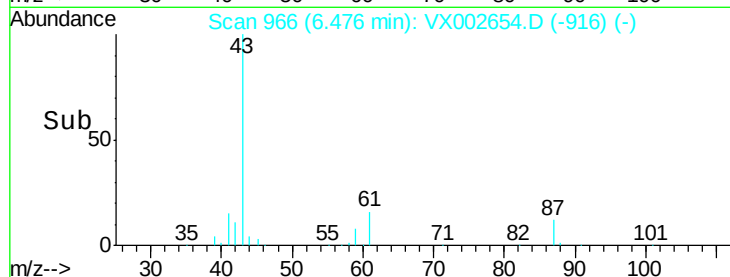
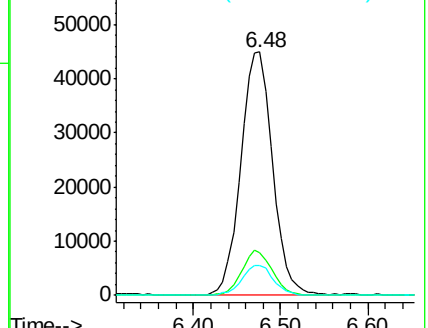
87 12.3 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.695 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX002654.D

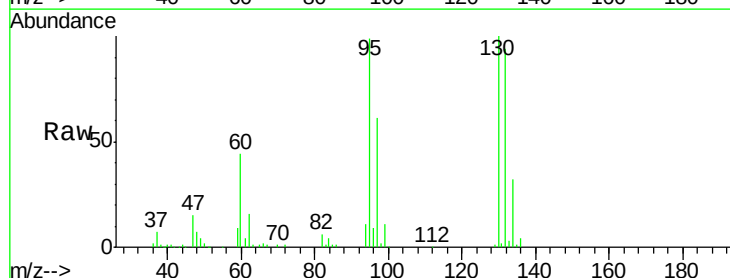
Acq: 16 Jun 2018 18:32

Tgt Ion:130 Resp: 45138

Ion Ratio Lower Upper

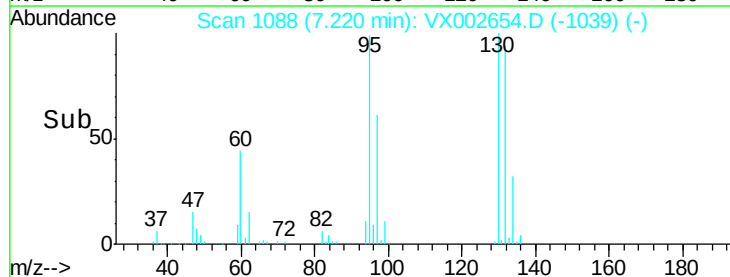
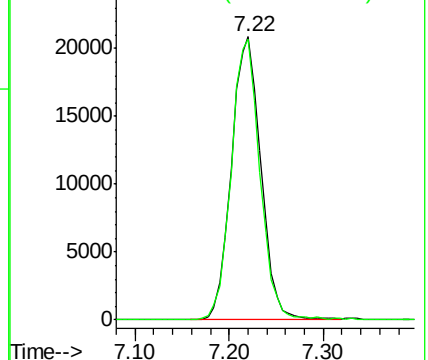
130 100

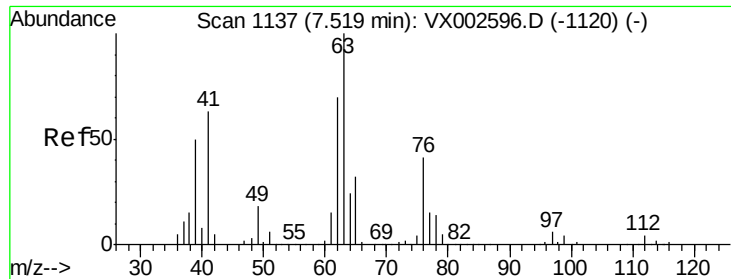
95 99.4 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

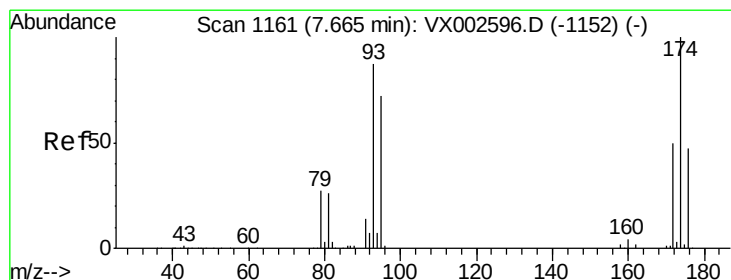
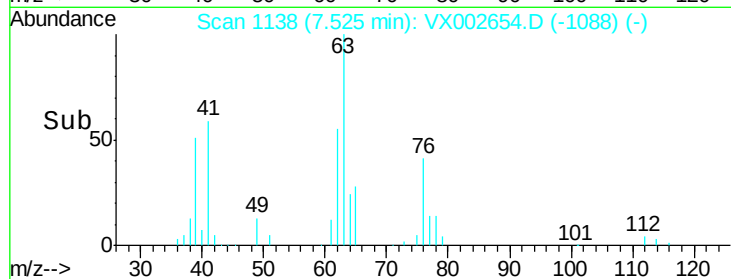
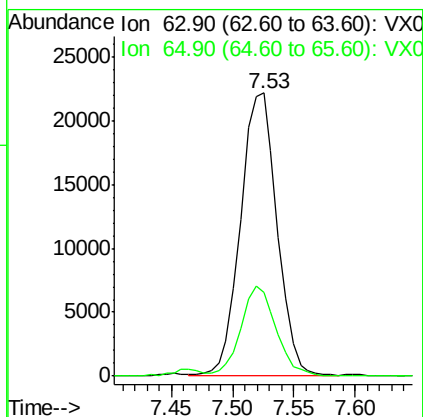
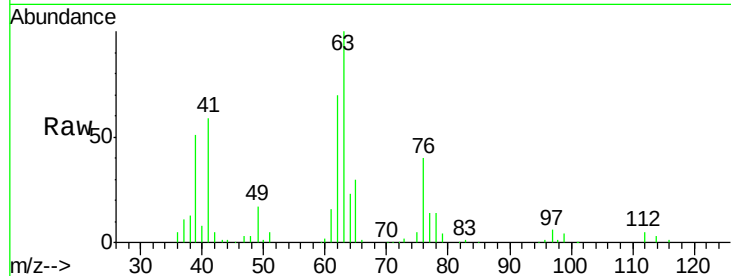




#45
 1,2-Dichloropropane
 Concen: 20.746 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002654.D
 Acq: 16 Jun 2018 18:32

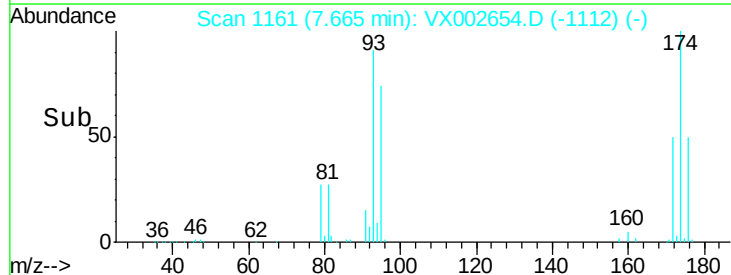
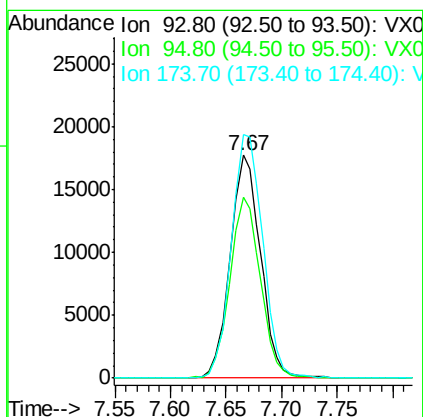
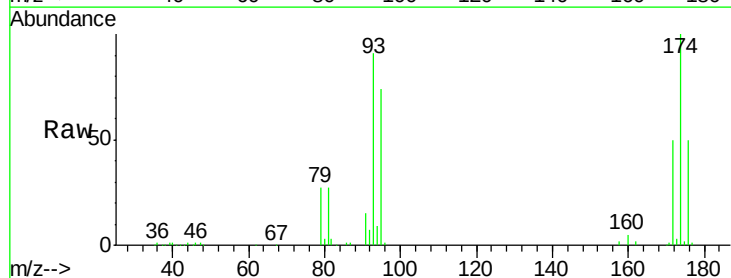
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

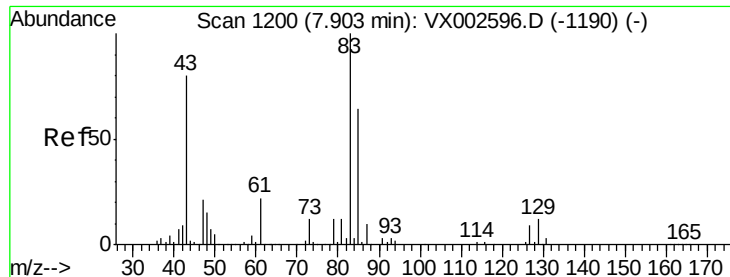
Tot Ion: 63 Resp: 45675
 Ion Ratio Lower Upper
 63 100
 65 29.2 24.7 37.1



#46
 Dibromomethane
 Concen: 22.786 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002654.D
 Acq: 16 Jun 2018 18:32

Tgt Ion: 93 Resp: 33558
 Ion Ratio Lower Upper
 93 100
 95 81.5 65.9 98.9
 174 112.9 92.4 138.6





#47

Bromodichloromethane

Concen: 21.507 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

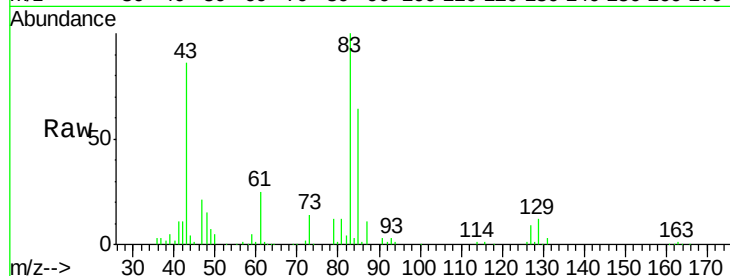
Tot Ion: 83 Resp: 55865

Ion Ratio Lower Upper

83 100

85 64.3 50.3 75.5

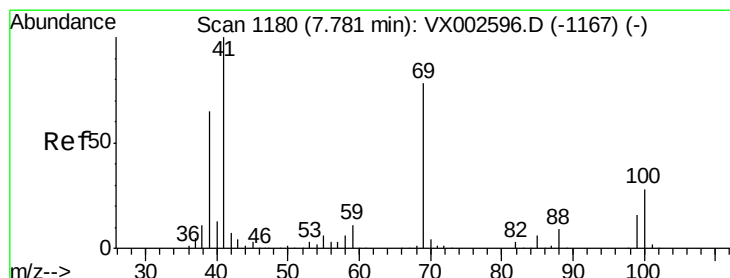
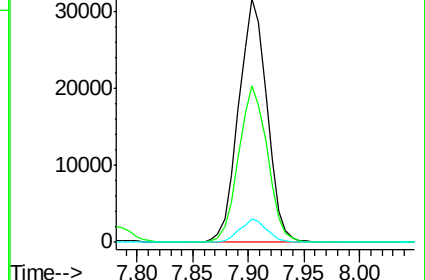
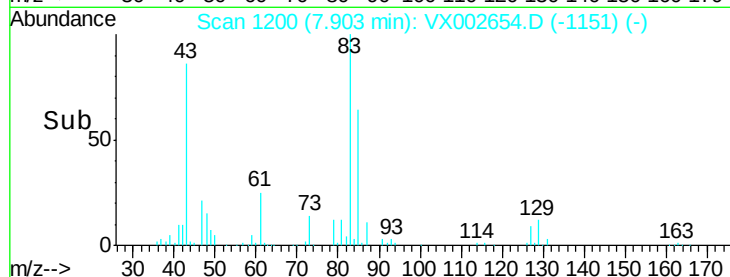
127 9.5 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 22.018 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

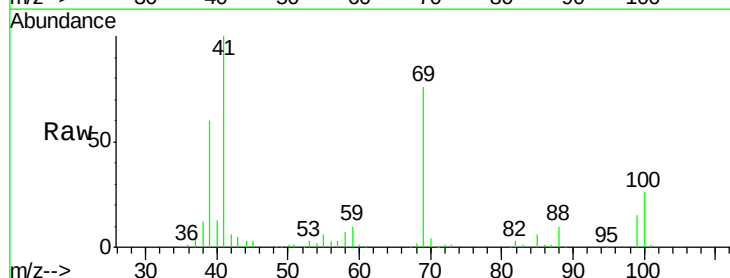
Tgt Ion: 41 Resp: 58866

Ion Ratio Lower Upper

41 100

69 76.8 59.1 88.7

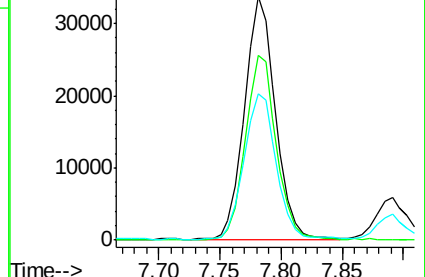
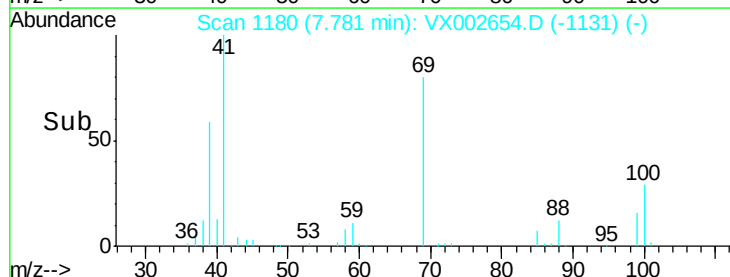
39 63.0 48.9 73.3

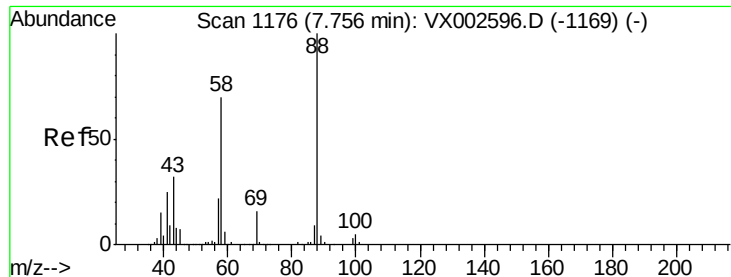


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

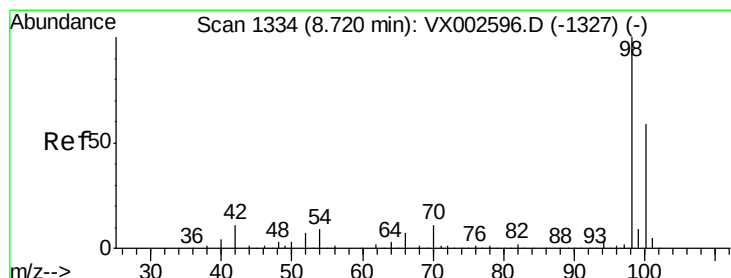
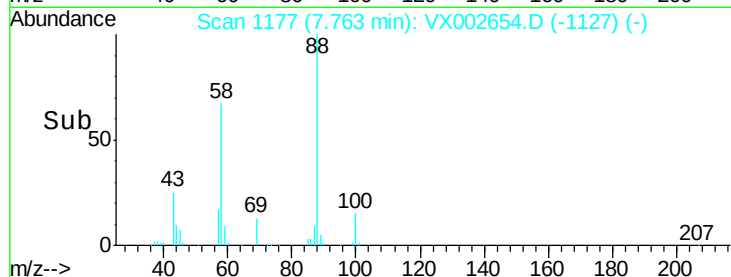
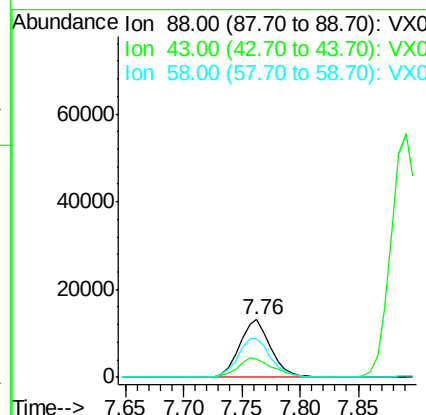
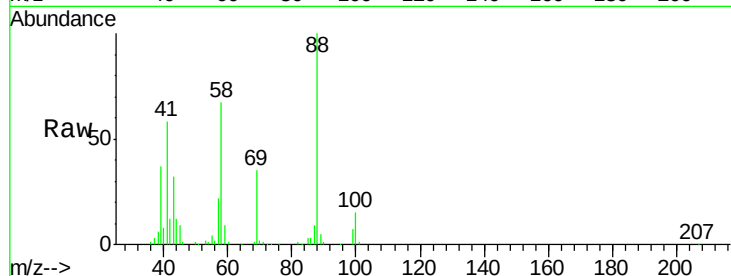




#49
1,4-Dioxane
Concen: 480.215 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

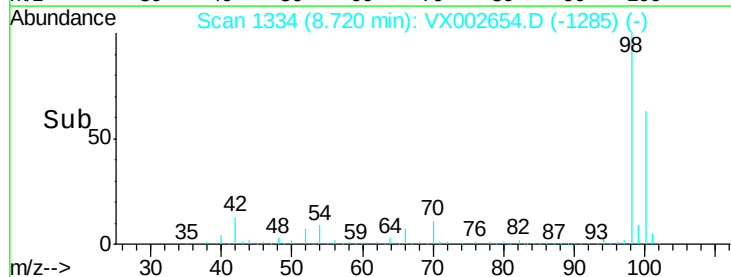
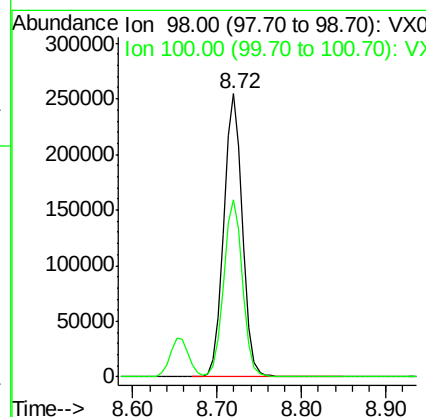
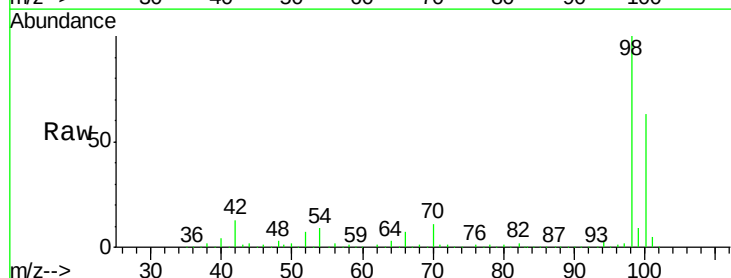
Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

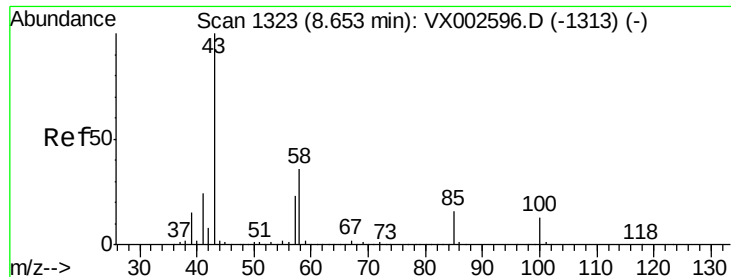
Tot Ion: 88 Resp: 24313
Ion Ratio Lower Upper
88 100
43 38.0 29.8 44.6
58 72.7 57.1 85.7



#50
Toluene-d8
Concen: 48.872 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

Tgt Ion: 98 Resp: 389033
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 114.266 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampled :

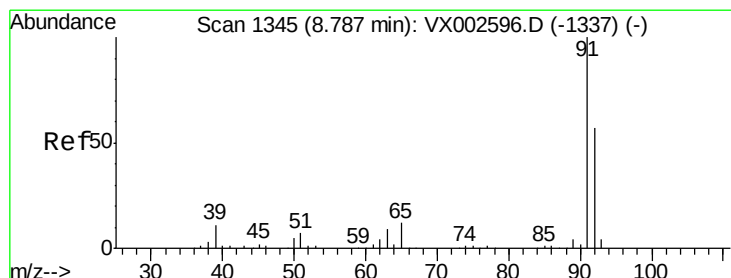
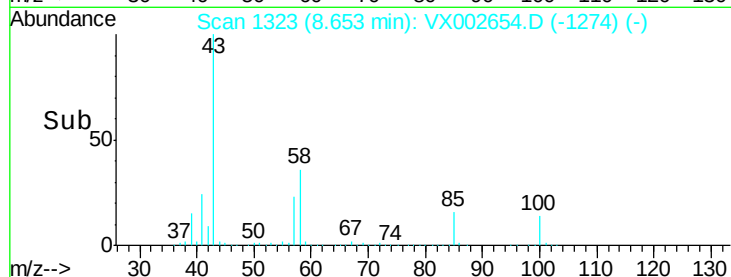
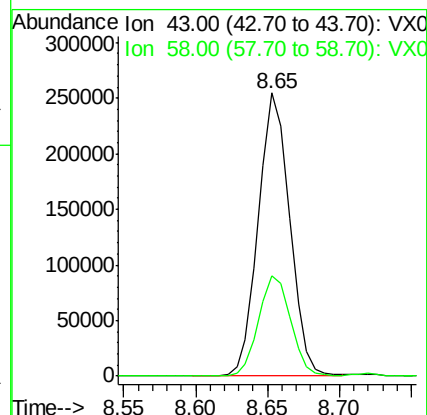
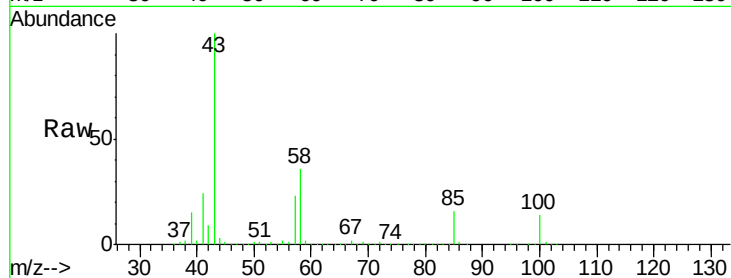
VX0616WBS01

Tot Ion: 43 Resp: 383834

Ion Ratio Lower Upper

43 100

58 36.1 28.6 42.8



#52

Toluene

Concen: 19.979 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002654.D

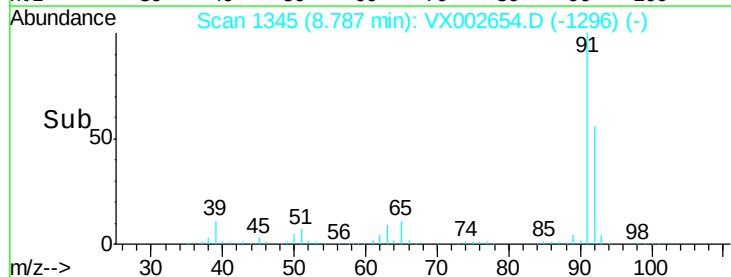
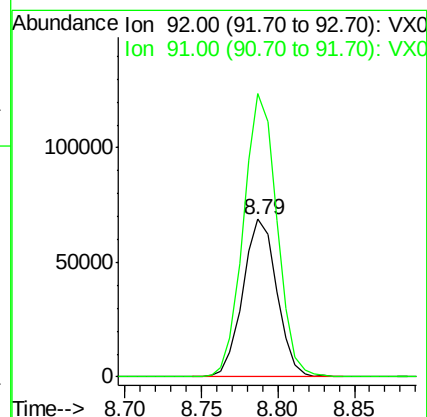
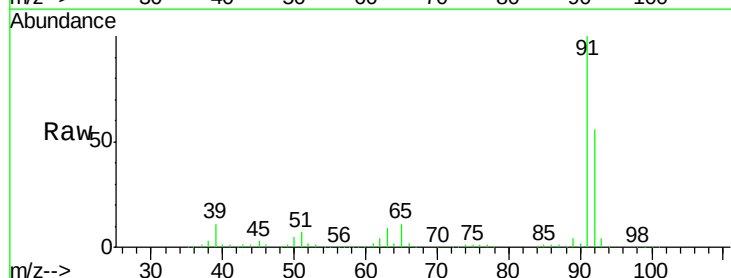
Acq: 16 Jun 2018 18:32

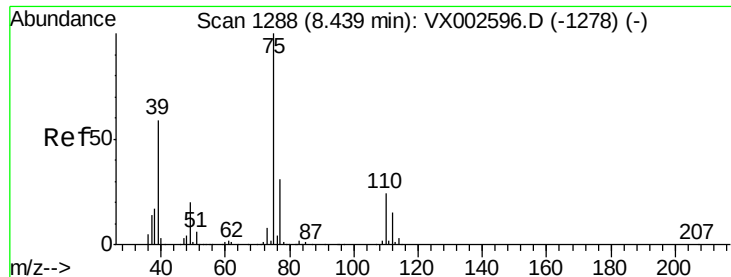
Tgt Ion: 92 Resp: 106614

Ion Ratio Lower Upper

92 100

91 176.6 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 20.380 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

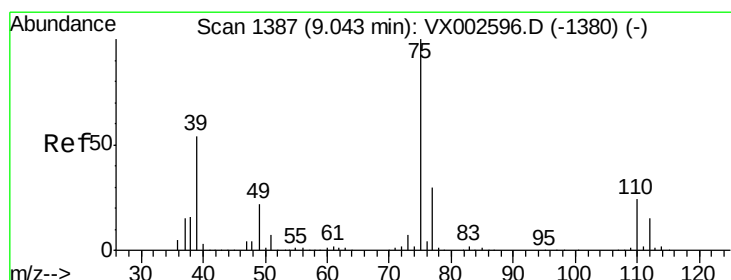
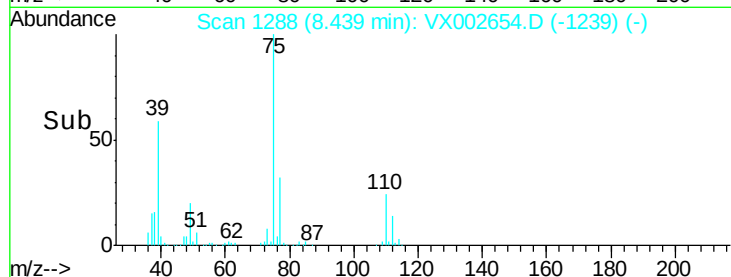
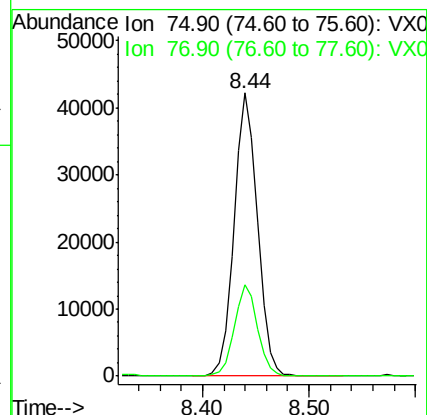
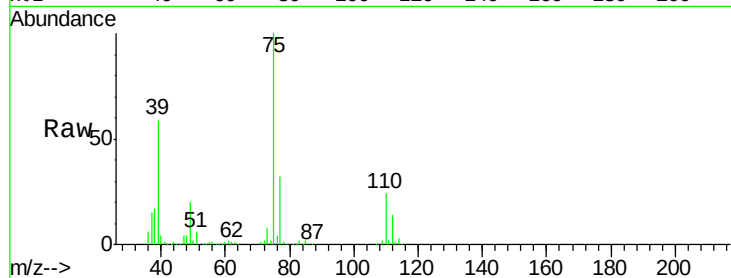
VX0616WBS01

Tot Ion: 75 Resp: 64952

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.242 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

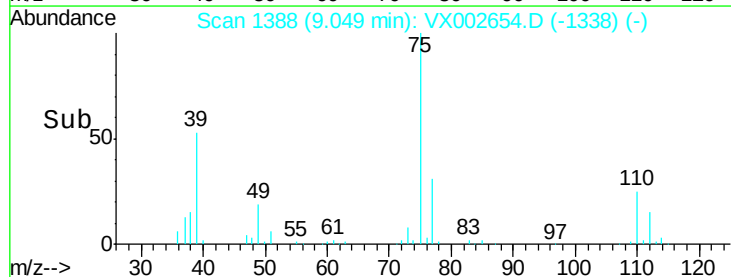
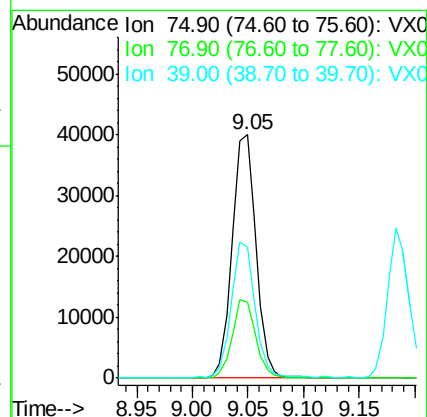
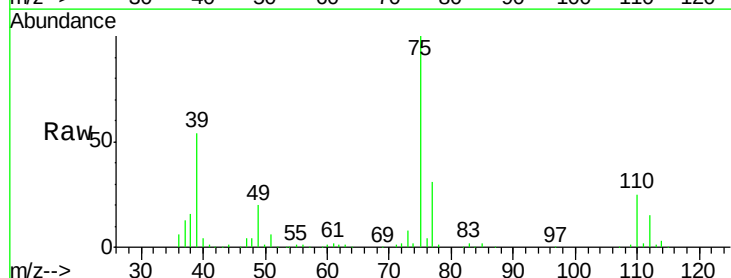
Tgt Ion: 75 Resp: 59693

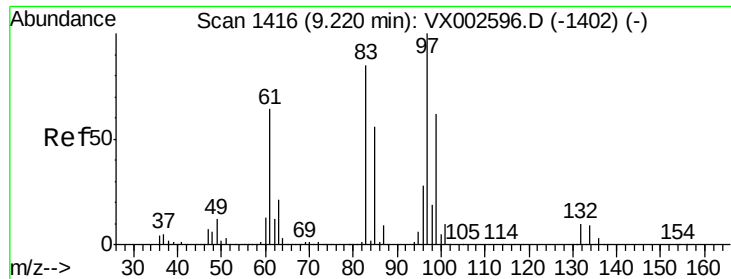
Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

39 53.4 42.4 63.6

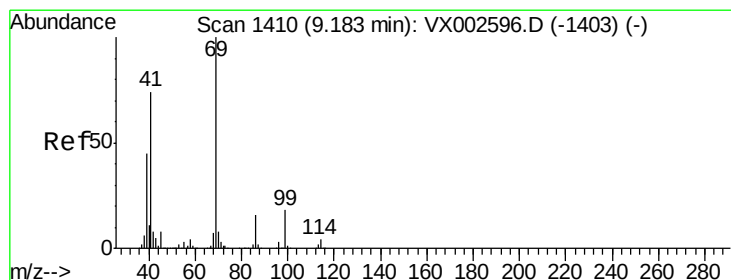
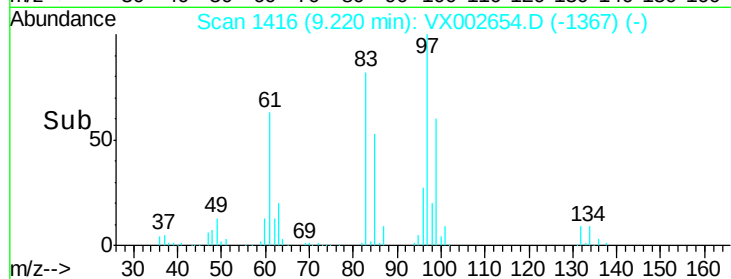
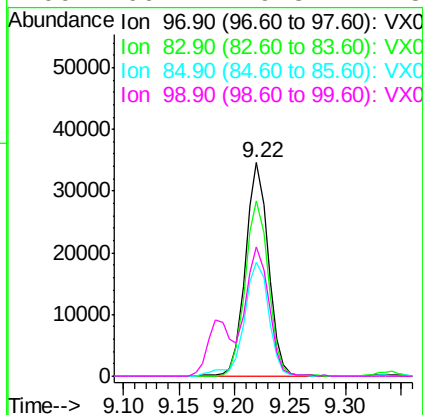
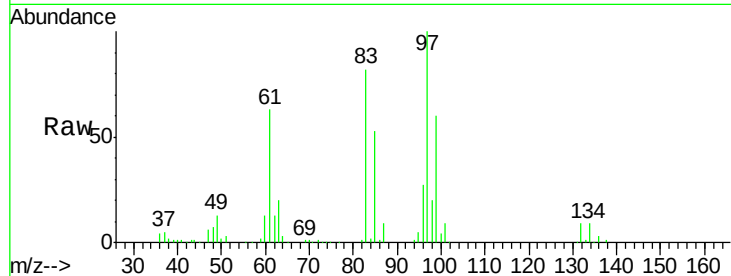




#55
 1,1,2-Trichloroethane
 Concen: 23.087 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002654.D
 Acq: 16 Jun 2018 18:32

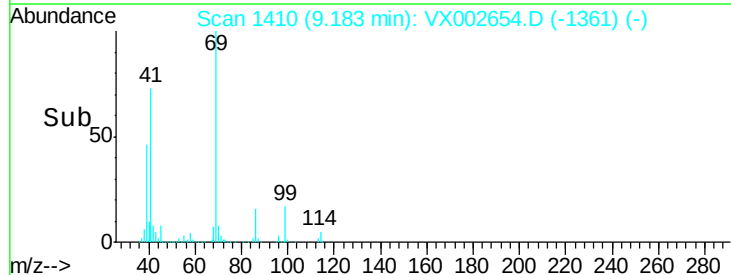
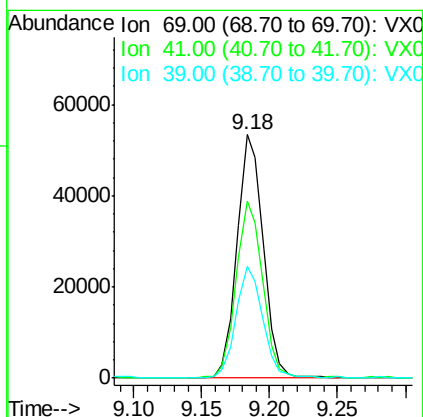
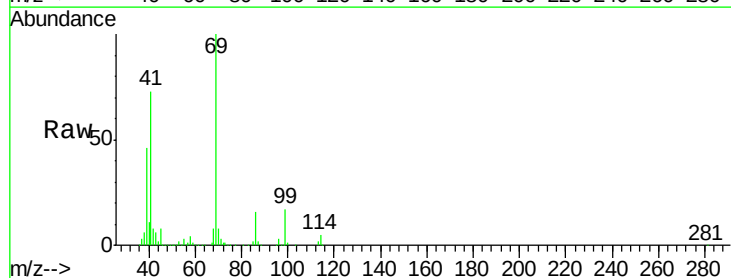
Instrument :
 MSVOA_X
 ClientSampled :
 VX0616WBS01

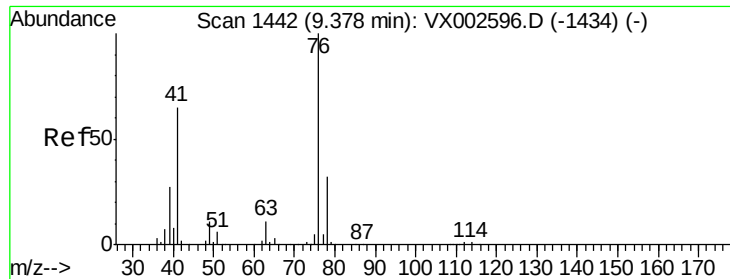
Tot Ion:	97	Resp:	49781
Ion	Ratio	Lower	Upper
97	100		
83	81.9	70.2	105.2
85	53.4	44.9	67.3
99	60.4	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 21.688 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002654.D
 Acq: 16 Jun 2018 18:32

Tgt Ion:	69	Resp:	71966
Ion	Ratio	Lower	Upper
69	100		
41	72.7	60.3	90.5
39	46.1	35.8	53.8

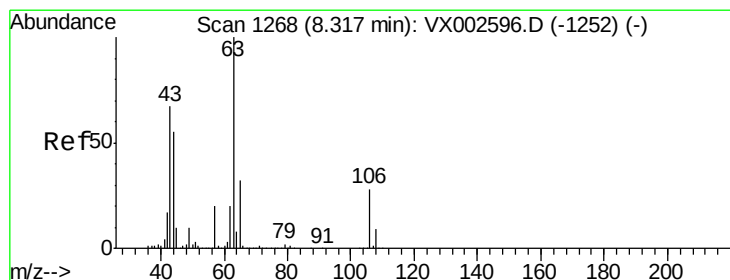
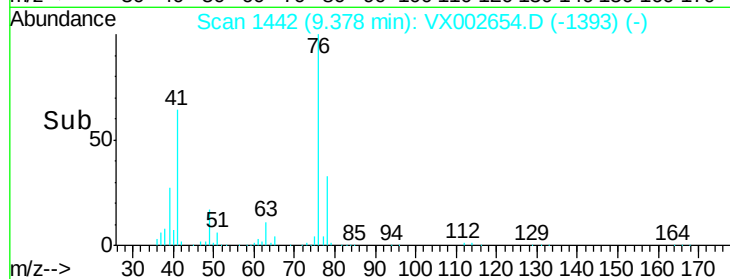
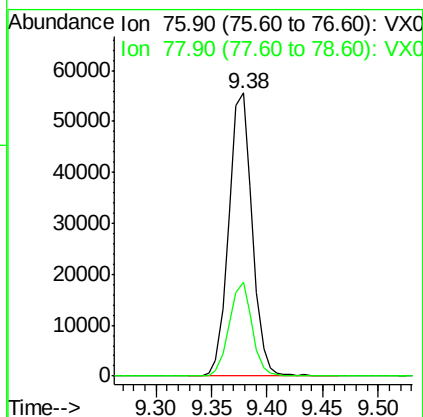
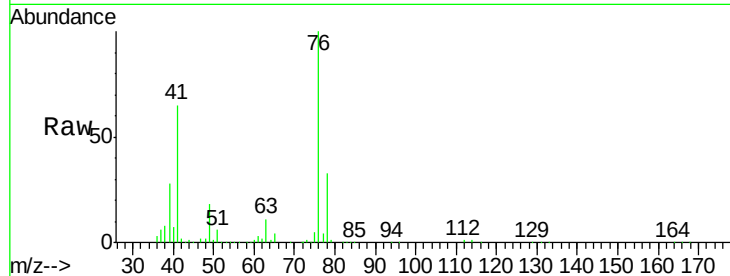




#57
 1,3-Dichloropropane
 Concen: 22.084 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002654.D
 Acq: 16 Jun 2018 18:32

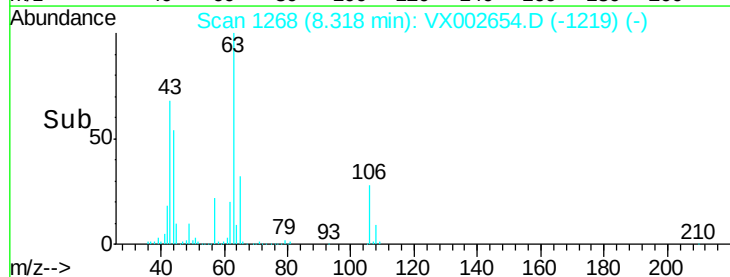
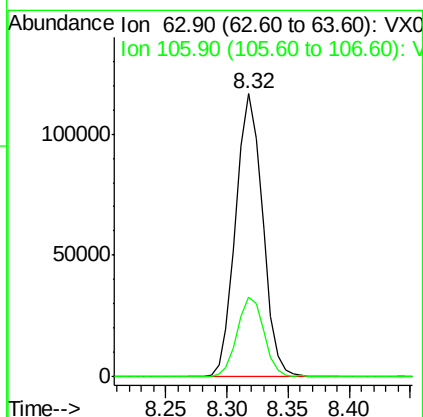
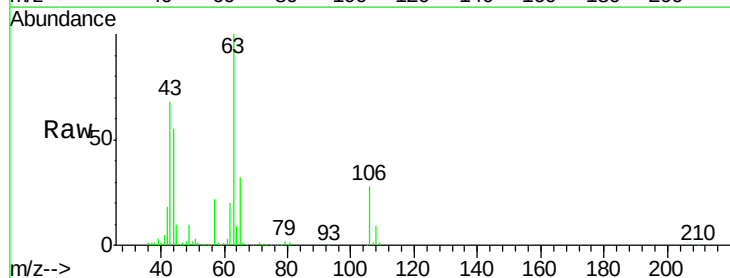
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

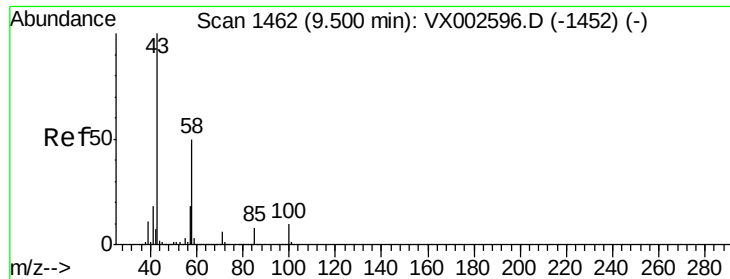
Tot Ion: 76 Resp: 80535
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.797 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002654.D
 Acq: 16 Jun 2018 18:32

Tgt Ion: 63 Resp: 177821
 Ion Ratio Lower Upper
 63 100
 106 28.3 21.8 32.8

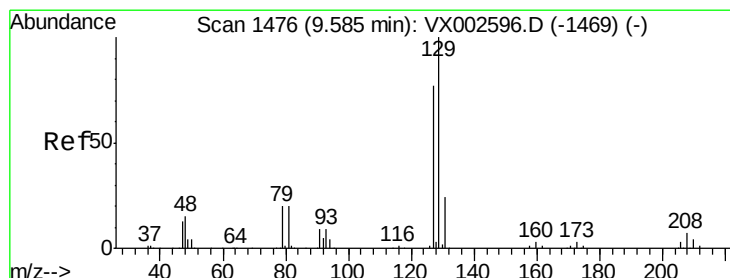
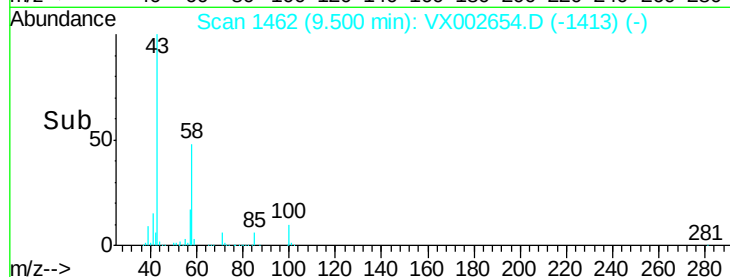
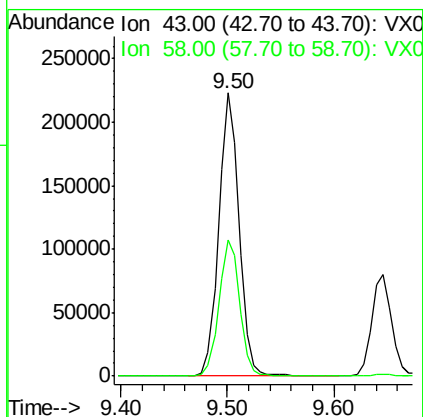
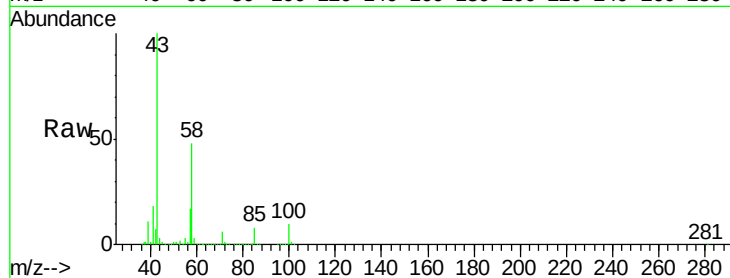




#59
2-Hexanone
Concen: 116.928 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

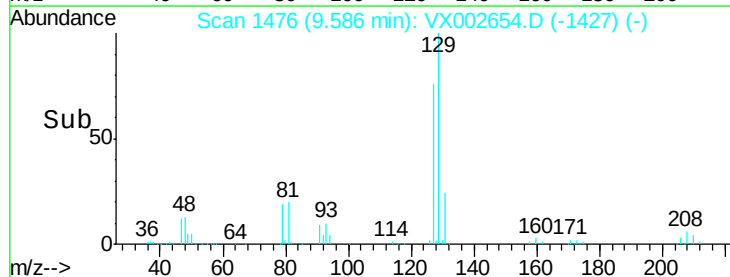
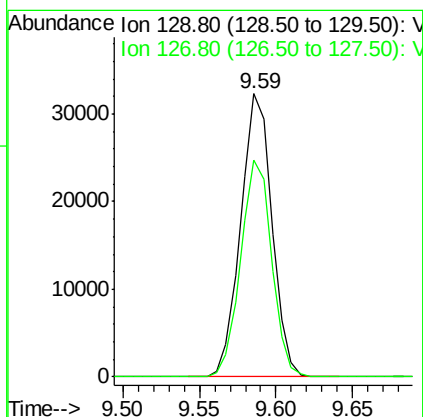
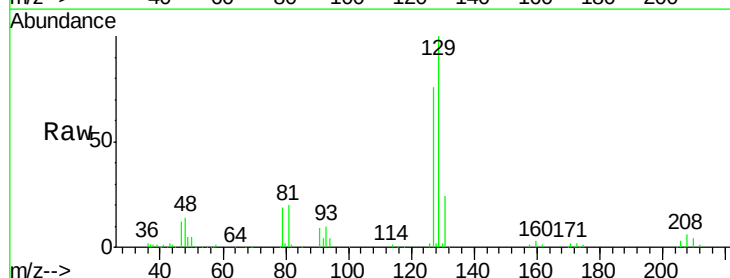
Instrument :
MSVOA_X
ClientSampled :
VX0616WBS01

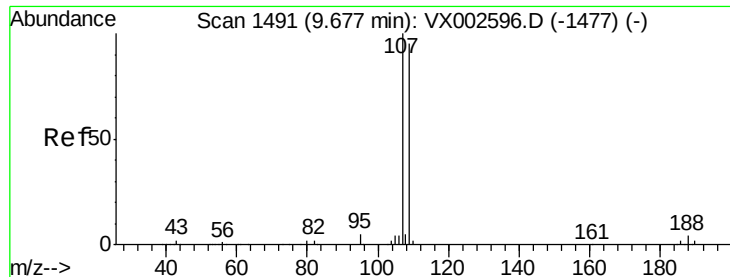
Tot Ion: 43 Resp: 295974
Ion Ratio Lower Upper
43 100
58 49.2 24.6 73.6



#60
Dibromochloromethane
Concen: 21.277 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

Tgt Ion: 129 Resp: 45941
Ion Ratio Lower Upper
129 100
127 75.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 22.502 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

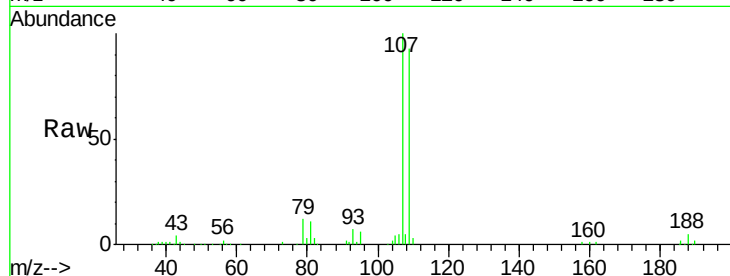
VX0616WBS01

Tot Ion:107 Resp: 50250

Ion Ratio Lower Upper

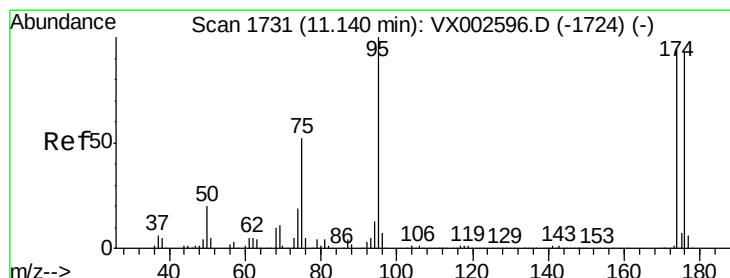
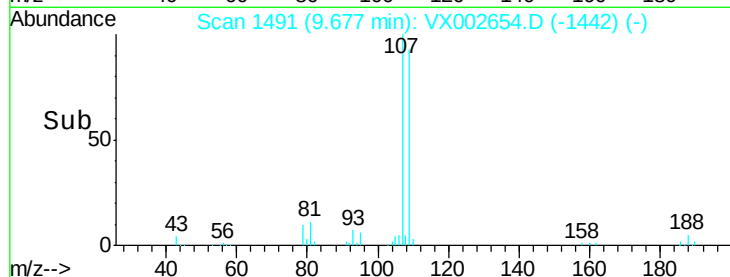
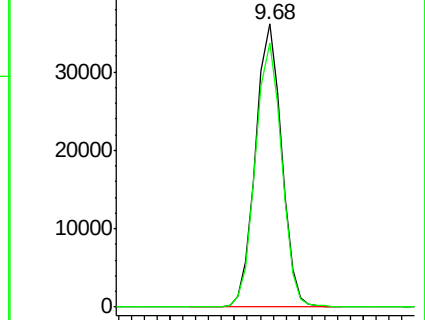
107 100

109 94.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.145 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

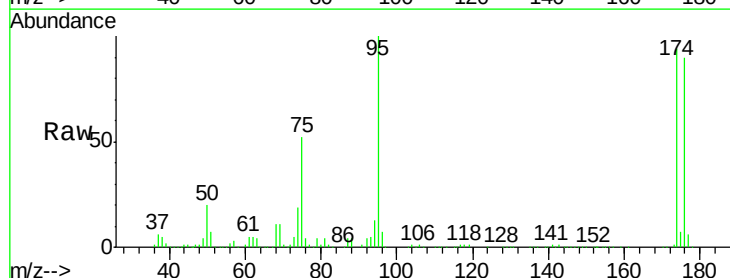
Tgt Ion: 95 Resp: 148239

Ion Ratio Lower Upper

95 100

174 97.2 0.0 187.4

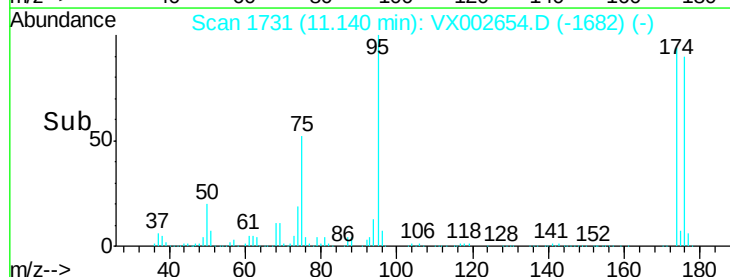
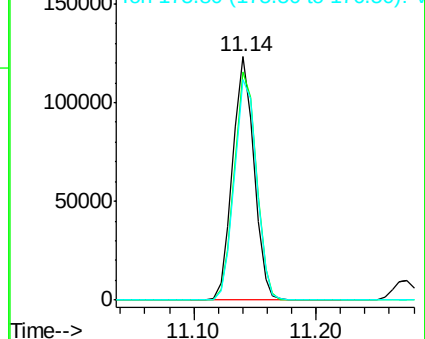
176 94.3 0.0 181.0

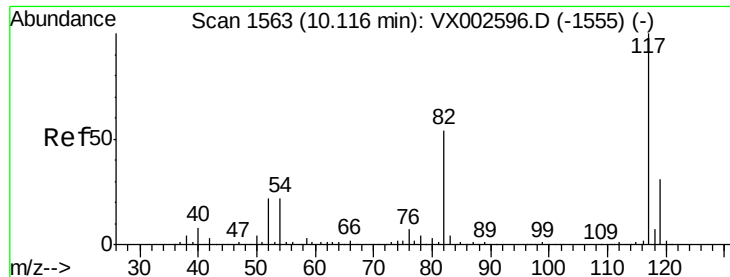


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

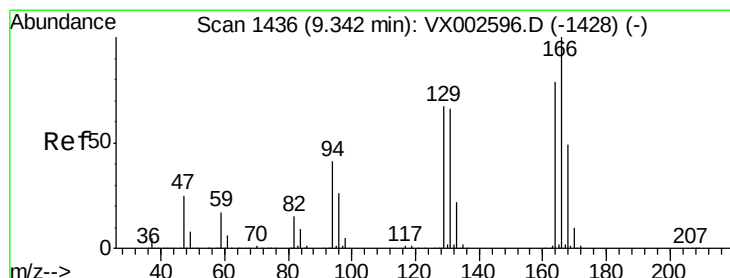
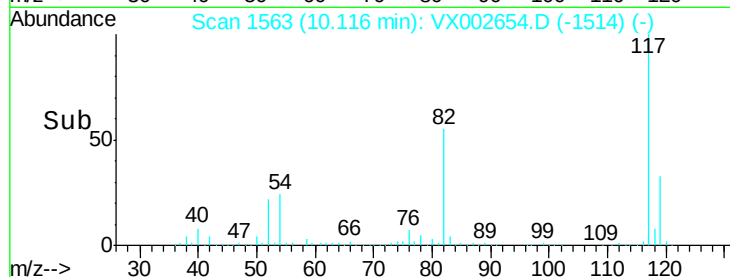
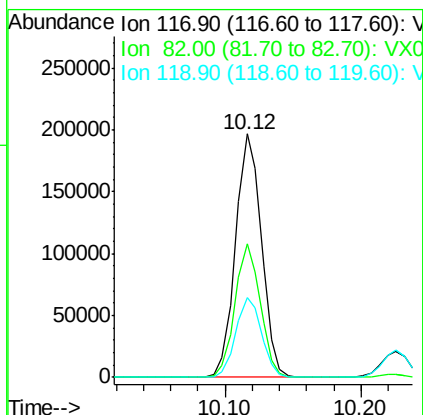
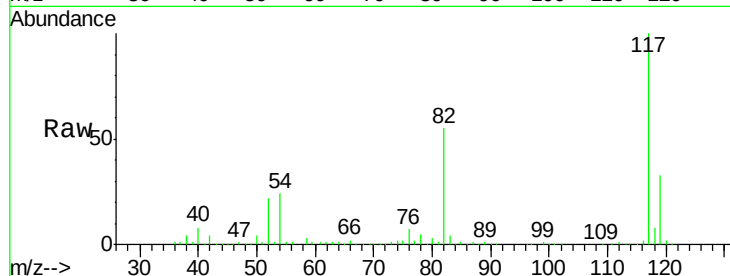




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

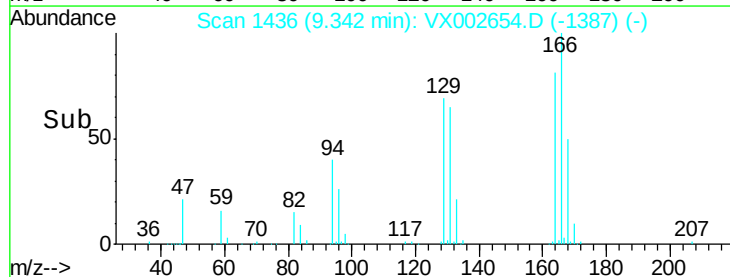
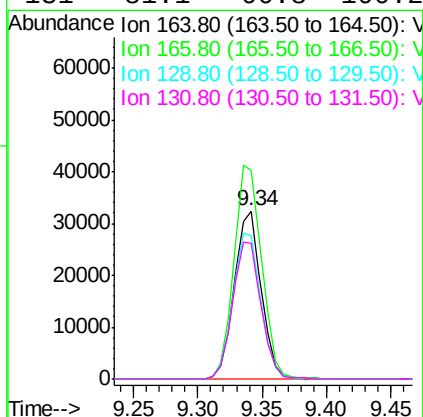
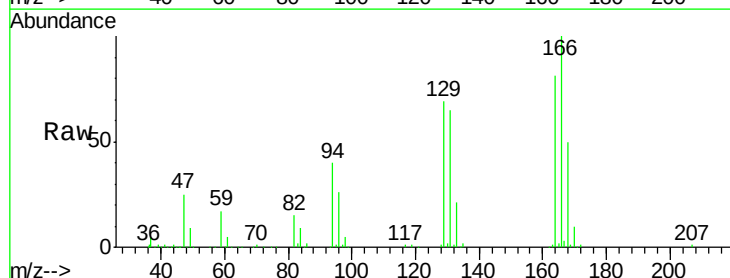
Instrument :
MSVOA_X
ClientSampled :
VX0616WBS01

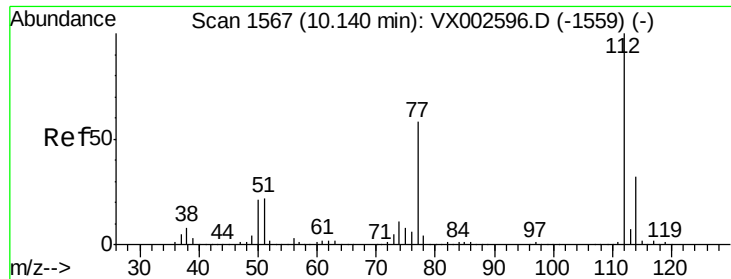
Tot Ion:117 Resp: 261452
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 16.260 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

Tgt Ion:164 Resp: 47191
Ion Ratio Lower Upper
164 100
166 124.1 102.9 154.3
129 85.8 68.6 102.8
131 81.1 66.8 100.2





#65

Chlorobenzene

Concen: 20.231 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampled :

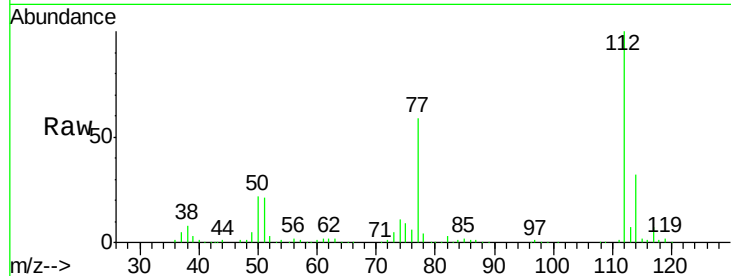
VX0616WBS01

Tot Ion:112 Resp: 129898

Ion Ratio Lower Upper

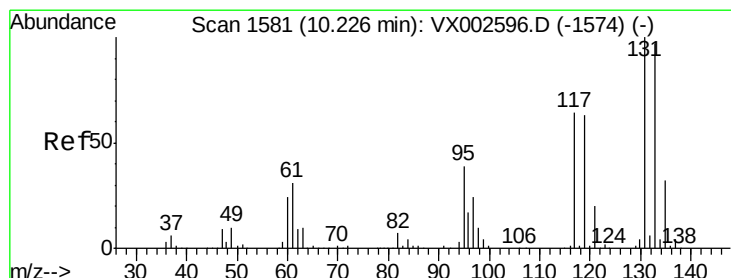
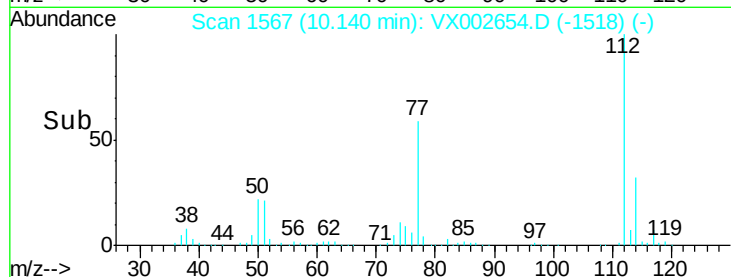
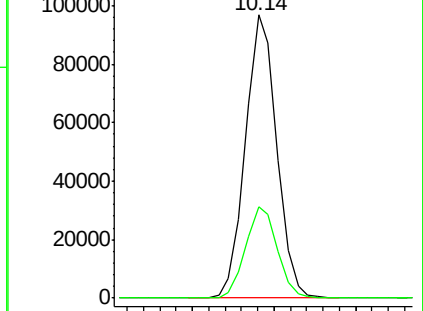
112 100

114 32.2 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.582 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

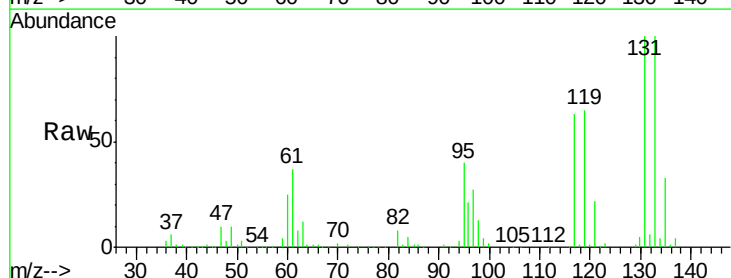
Tgt Ion:131 Resp: 45054

Ion Ratio Lower Upper

131 100

133 98.4 47.9 143.6

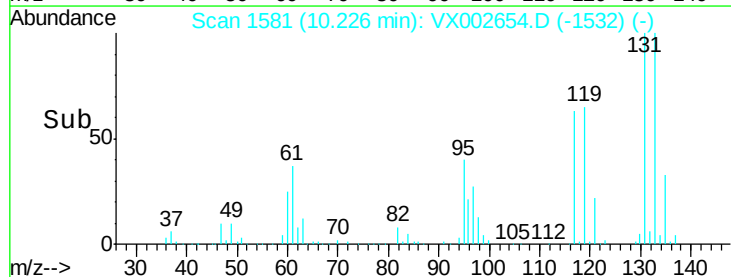
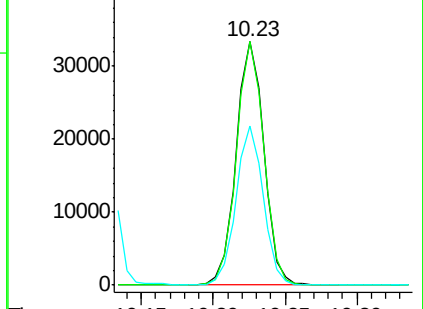
119 64.4 31.8 95.3

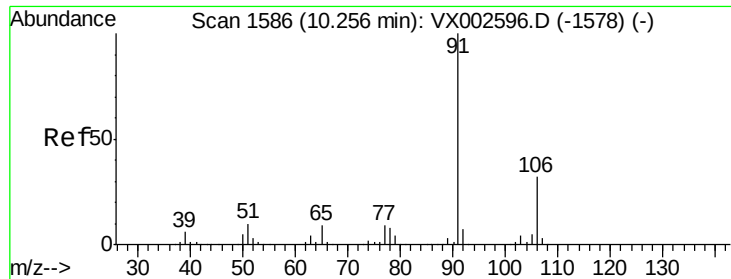


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

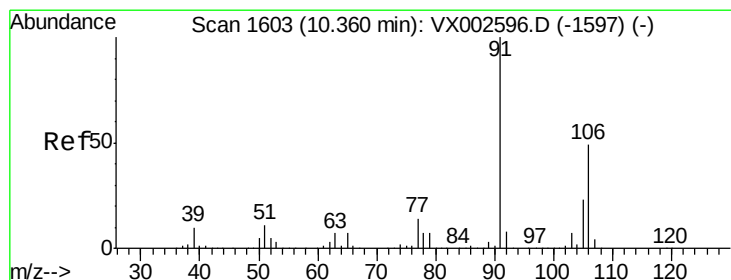
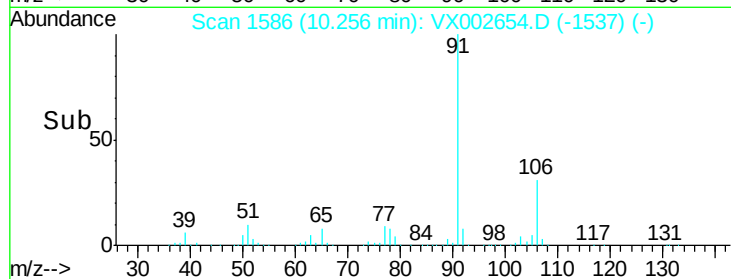
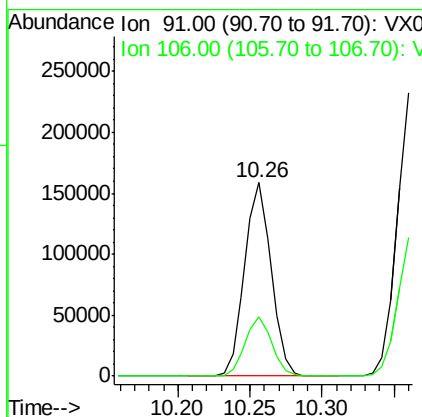
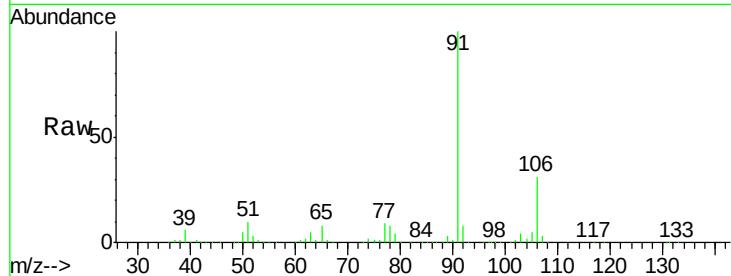




#67
Ethyl Benzene
Concen: 18.739 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

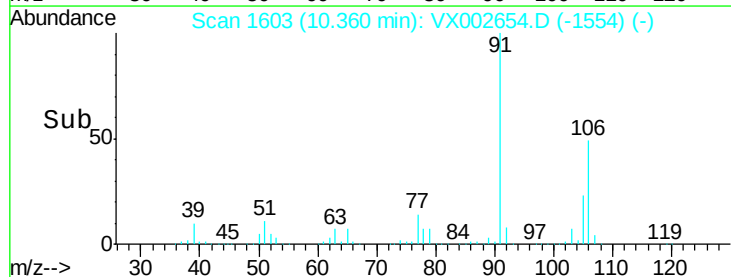
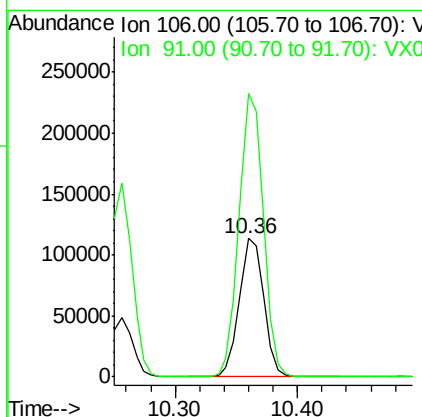
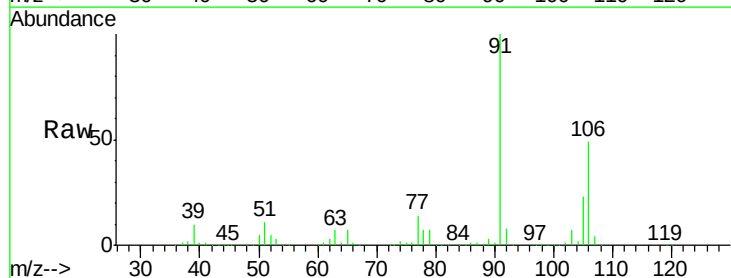
Instrument :
MSVOA_X
ClientSampled :
VX0616WBS01

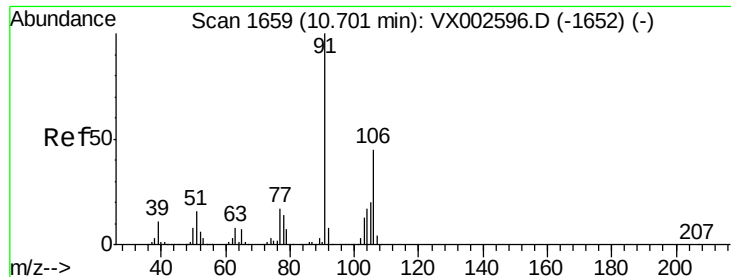
Tot Ion: 91 Resp: 202949
Ion Ratio Lower Upper
91 100
106 30.7 25.5 38.3



#68
m/p-Xylenes
Concen: 37.452 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

Tgt Ion: 106 Resp: 156460
Ion Ratio Lower Upper
106 100
91 204.3 163.4 245.2





#69

o-Xylene

Concen: 19.442 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampled :

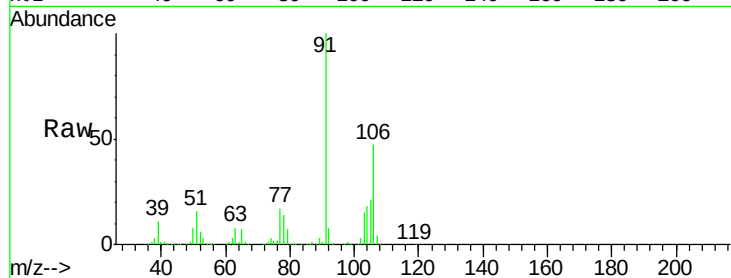
VX0616WBS01

Tot Ion:106 Resp: 79798

Ion Ratio Lower Upper

106 100

91 213.2 108.2 324.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

150000

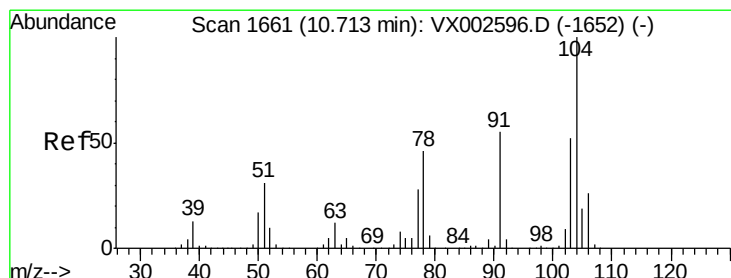
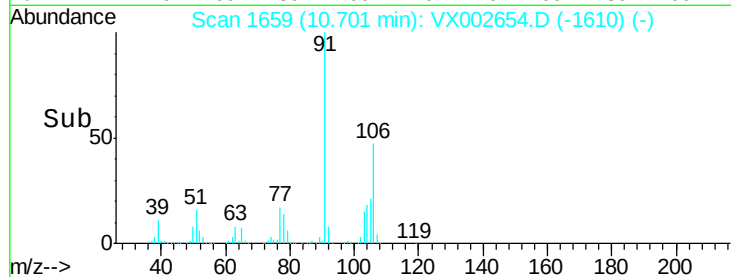
100000

50000

0

10.65 10.70 10.75

Time-->



#70

Styrene

Concen: 19.975 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

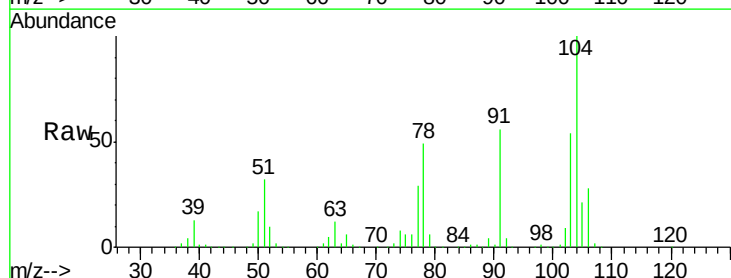
Tgt Ion:104 Resp: 134836

Ion Ratio Lower Upper

104 100

78 51.1 41.0 61.6

103 56.2 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

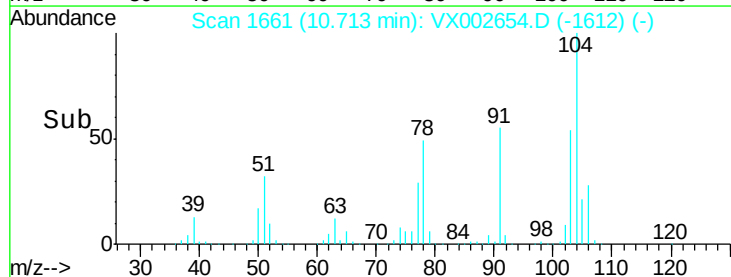
100000

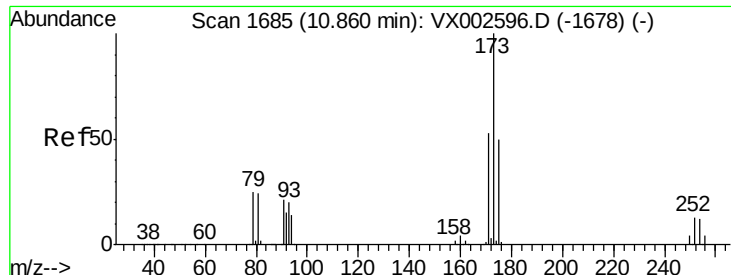
50000

0

10.60 10.70 10.80 10.90

Time-->

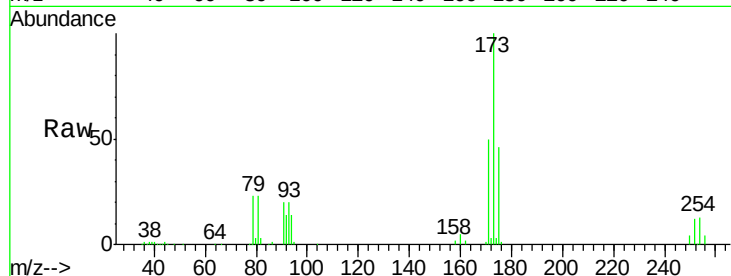




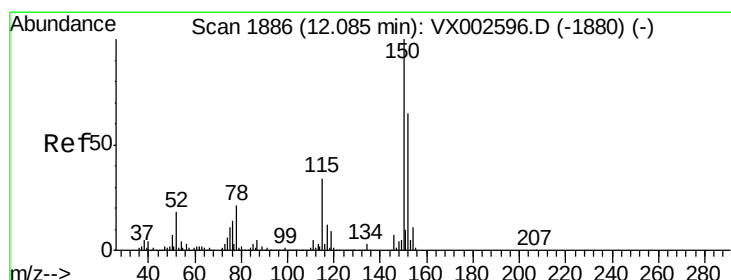
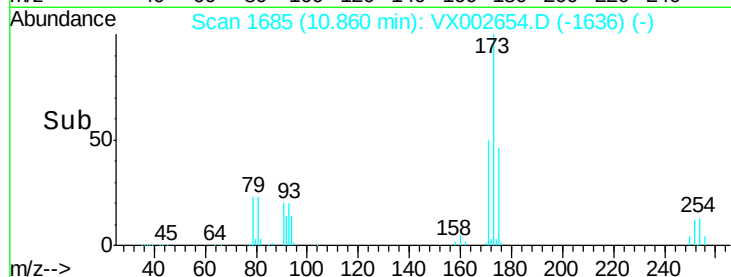
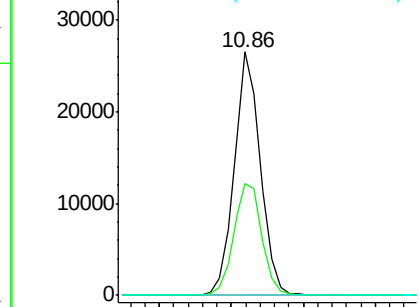
#71
Bromoform
Concen: 20.106 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion:173 Resp: 33683
Ion Ratio Lower Upper
173 100
175 49.5 24.7 74.1
254 0.1 0.2 0.2#

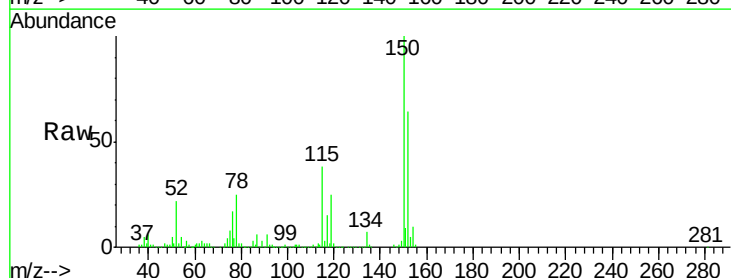


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

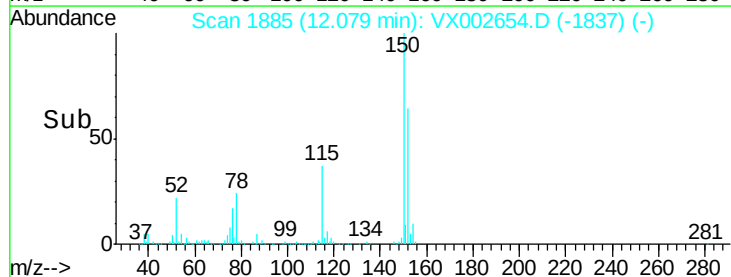
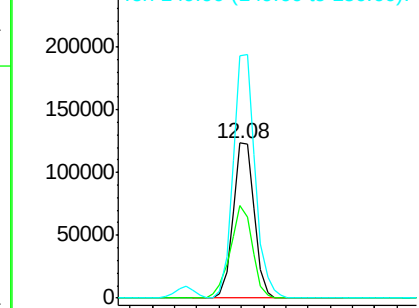


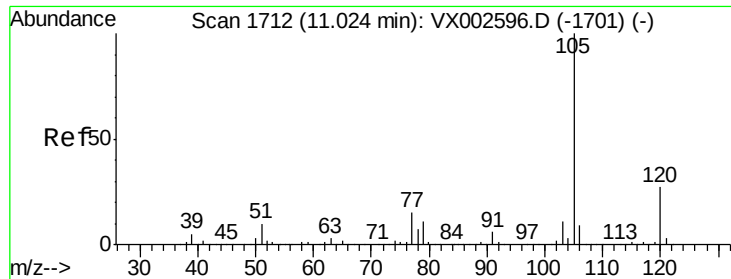
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

Tgt Ion:152 Resp: 160841
Ion Ratio Lower Upper
152 100
115 62.9 40.1 120.2
150 163.5 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.349 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

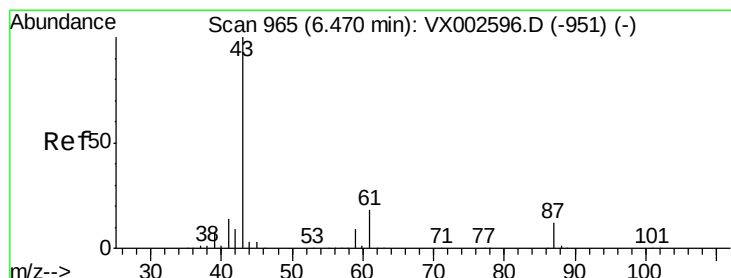
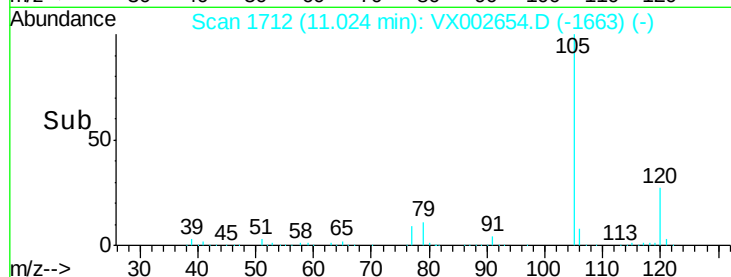
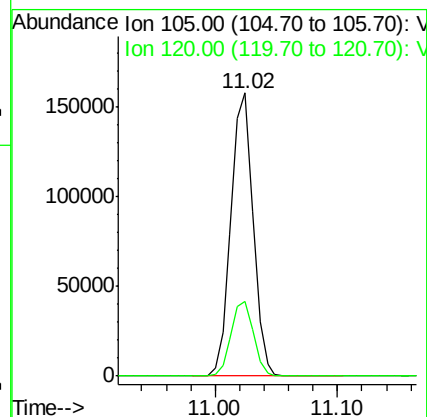
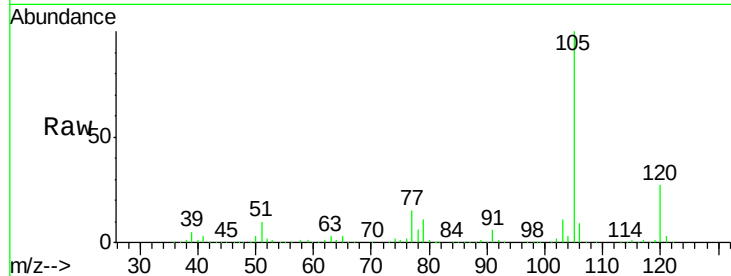
VX0616WBS01

Tot Ion:105 Resp: 197383

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



#74

N-ethyl acetate

Concen: 21.021 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Tgt Ion: 43 Resp: 112351

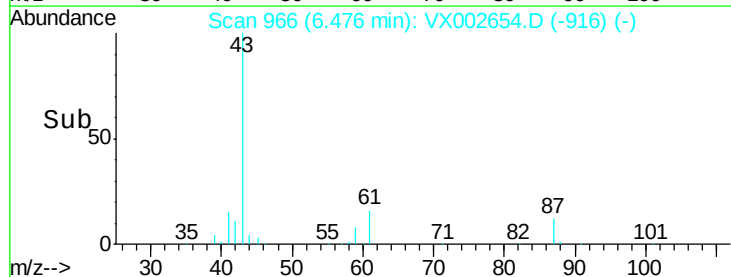
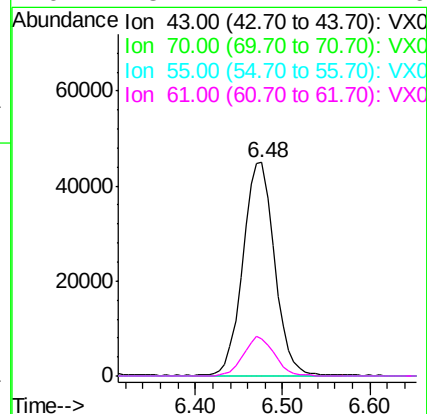
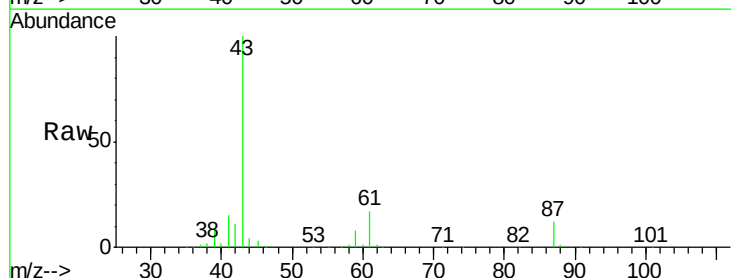
Ion Ratio Lower Upper

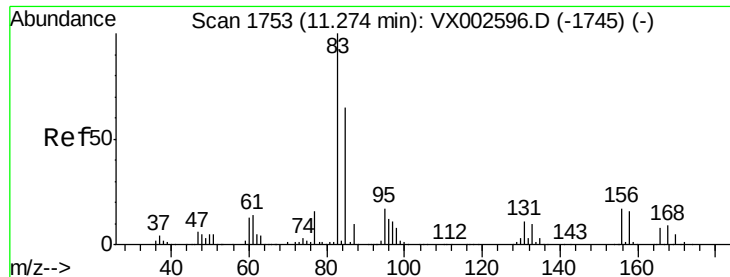
43 100

70 0.0 0.0 0.0

55 0.2 0.0 0.0#

61 18.1 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 23.041 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

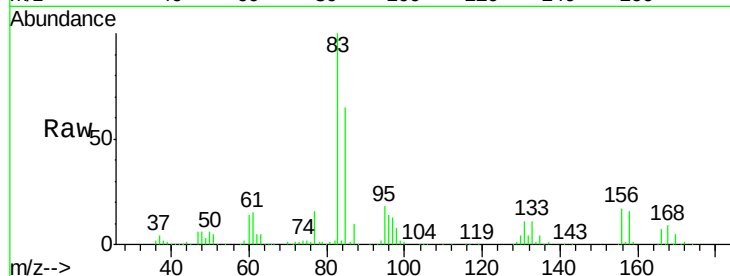
MSVOA_X

ClientSampled :

VX0616WBS01

Tot Ion: 83 Resp: 73196

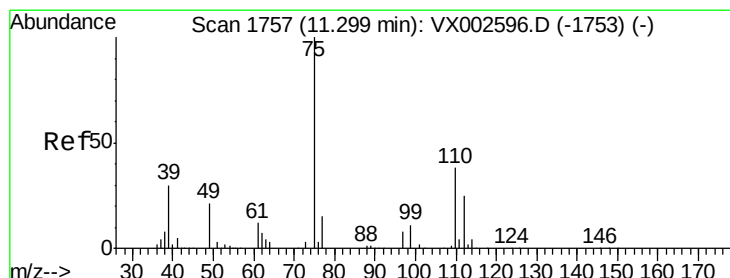
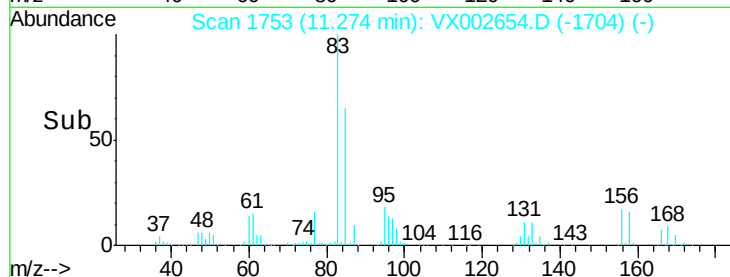
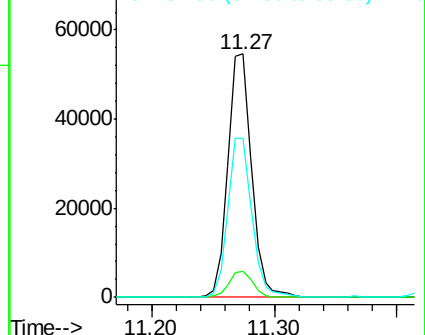
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.6	16.8
85	65.9	32.4	97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.212 ug/l

RT: 11.30 min Scan# 1757

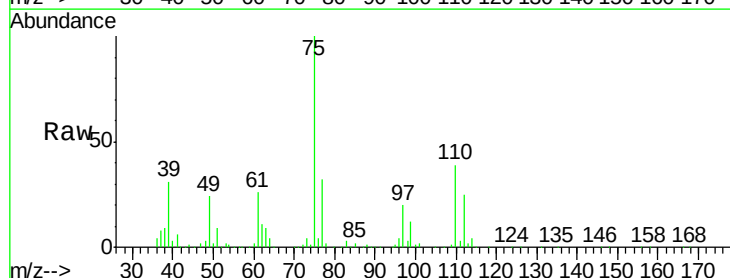
Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

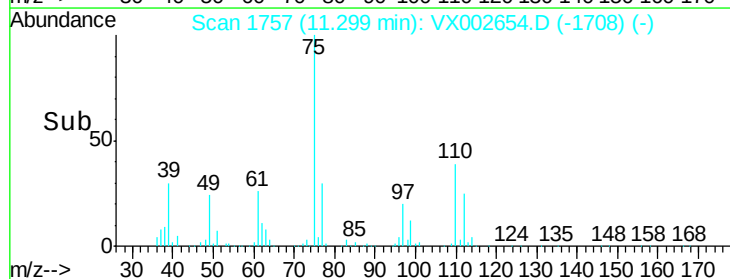
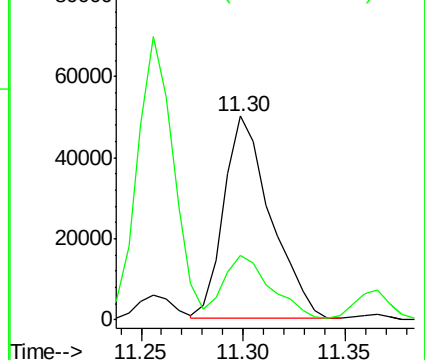
Tgt Ion: 75 Resp: 79556

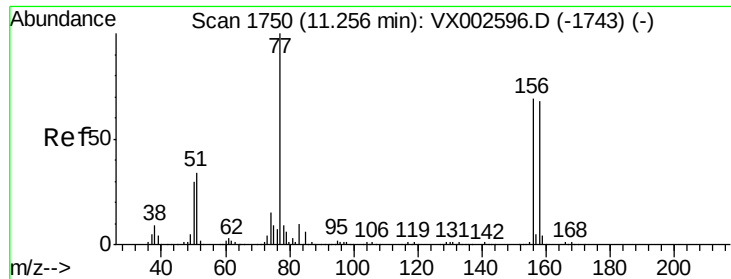
Ion	Ratio	Lower	Upper
75	100		
77	32.5	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.976 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

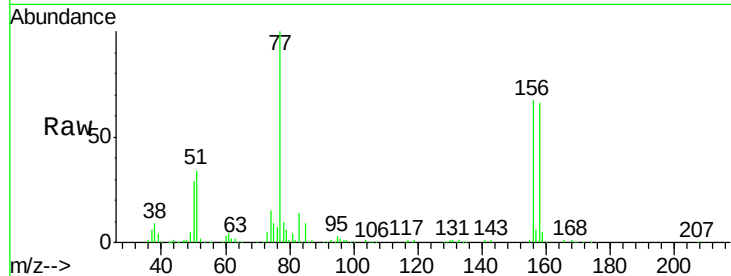
Tot Ion:156 Resp: 62863

Ion Ratio Lower Upper

156 100

77 137.5 71.4 214.2

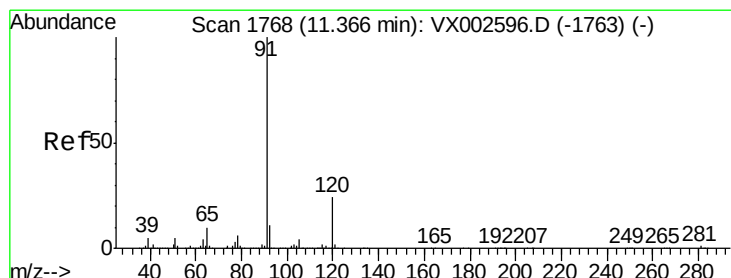
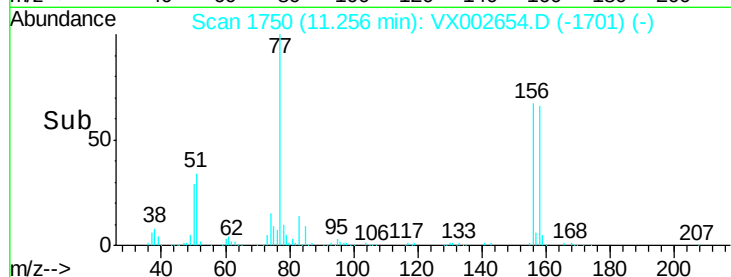
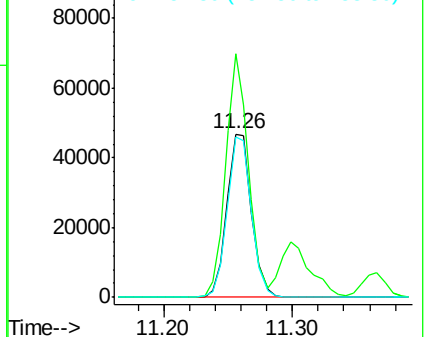
158 96.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.929 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002654.D

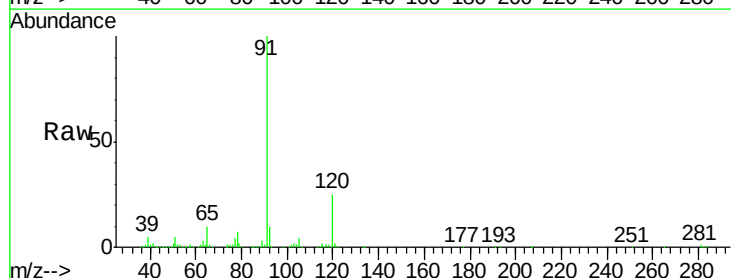
Acq: 16 Jun 2018 18:32

Tgt Ion: 91 Resp: 221189

Ion Ratio Lower Upper

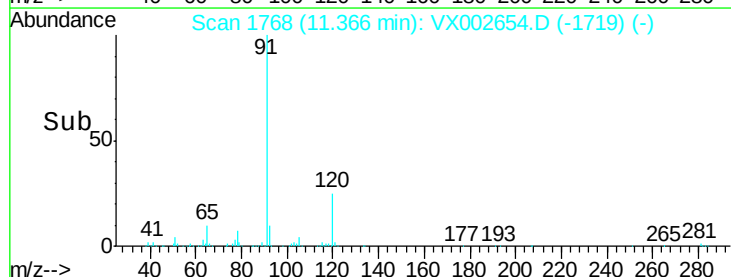
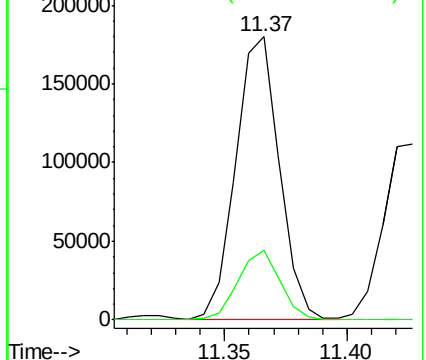
91 100

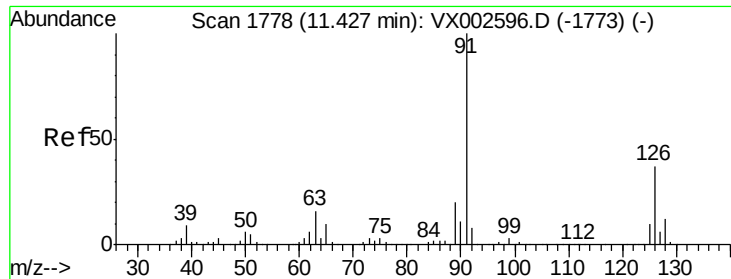
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

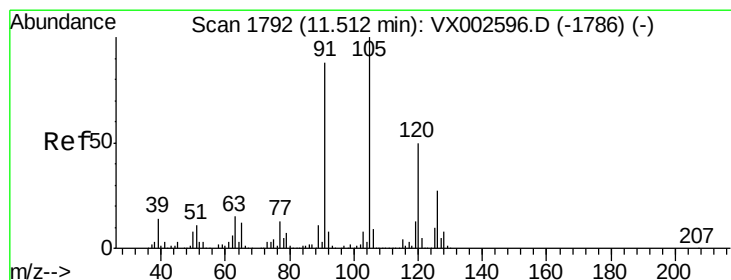
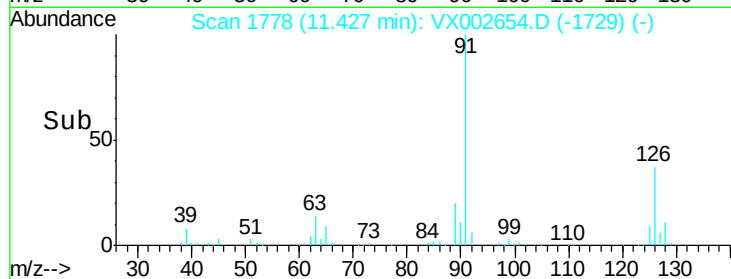
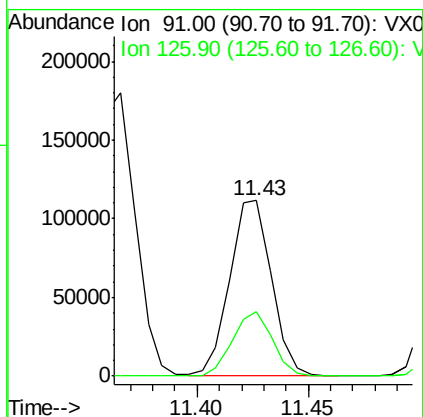
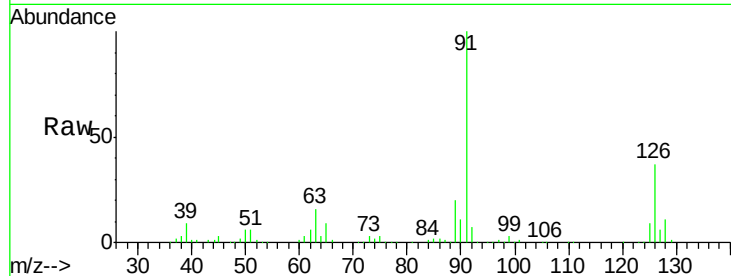




#79
 2-Chlorotoluene
 Concen: 19.727 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX002654.D
 Acq: 16 Jun 2018 18:32

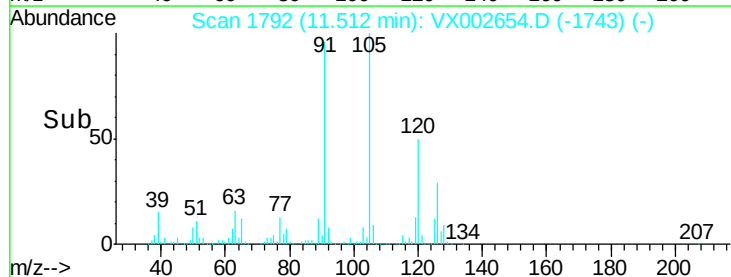
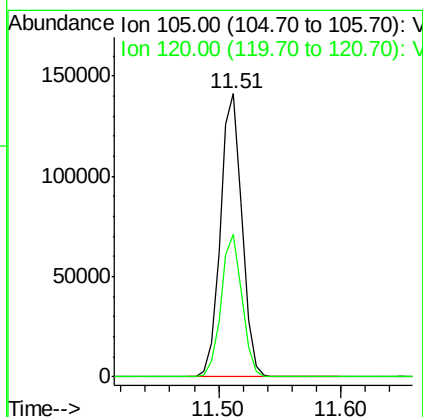
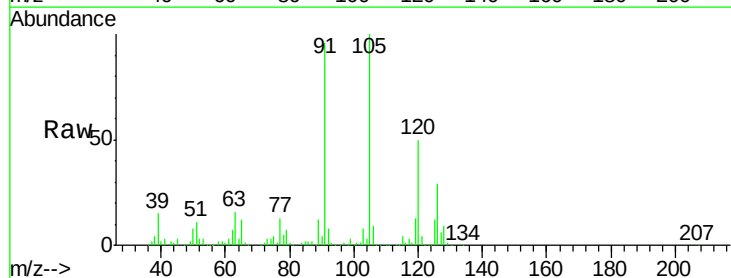
Instrument :
 MSVOA_X
 ClientSampled :
 VX0616WBS01

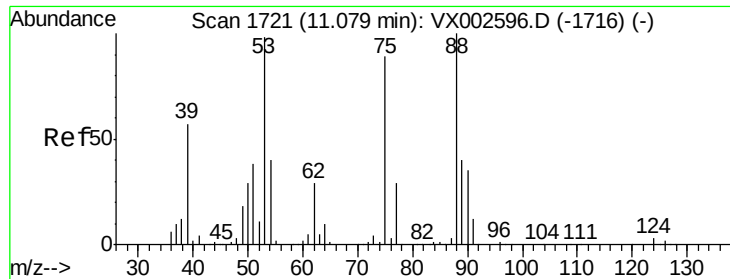
Tot Ion: 91 Resp: 145304
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.013 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002654.D
 Acq: 16 Jun 2018 18:32

Tgt Ion: 105 Resp: 172844
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.278 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampled :

VX0616WBS01

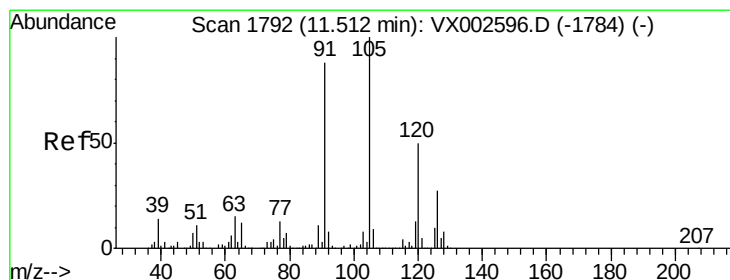
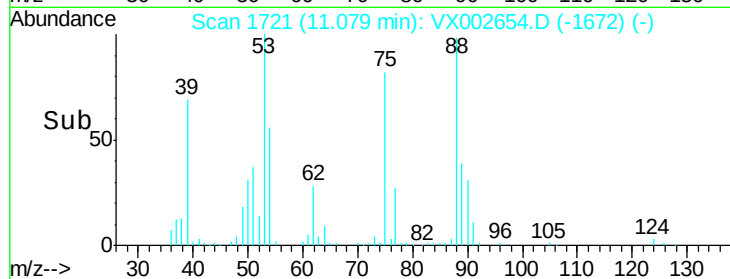
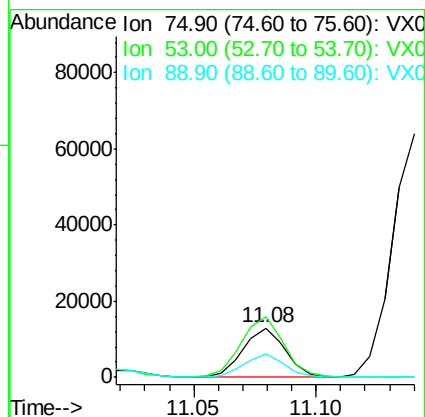
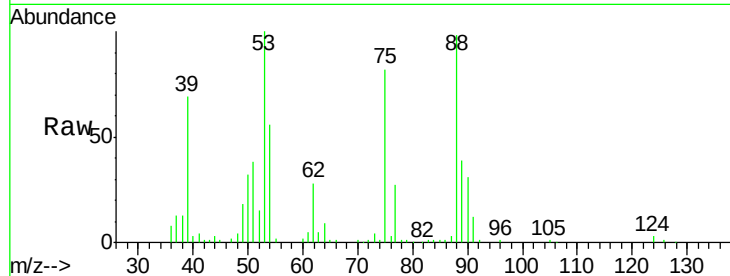
Tot Ion: 75 Resp: 15625

Ion Ratio Lower Upper

75 100

53 126.1 86.8 130.2

89 46.2 38.2 57.2



#82

4-Chlorotoluene

Concen: 19.507 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002654.D

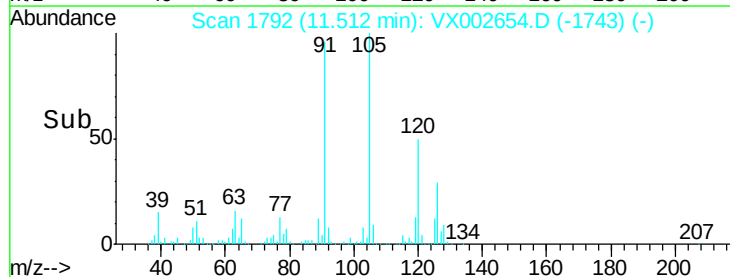
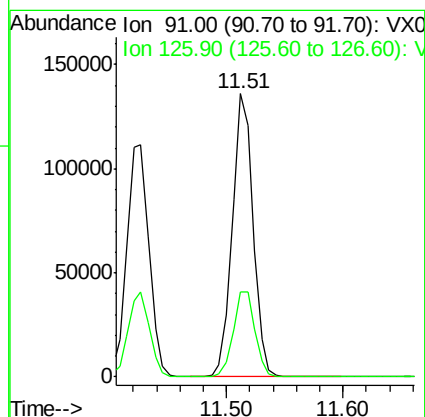
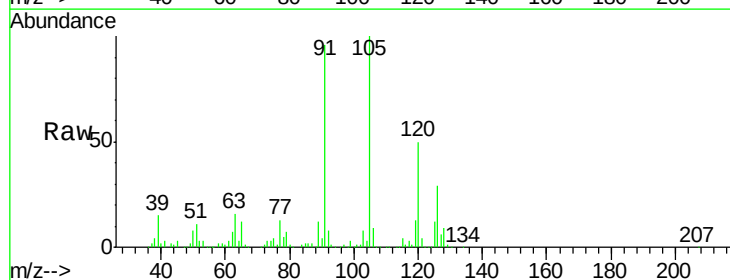
Acq: 16 Jun 2018 18:32

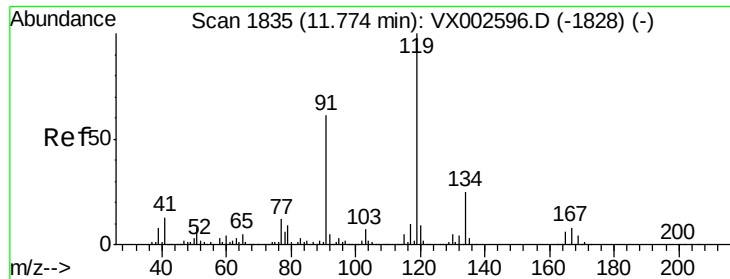
Tgt Ion: 91 Resp: 169545

Ion Ratio Lower Upper

91 100

126 31.6 15.4 46.4

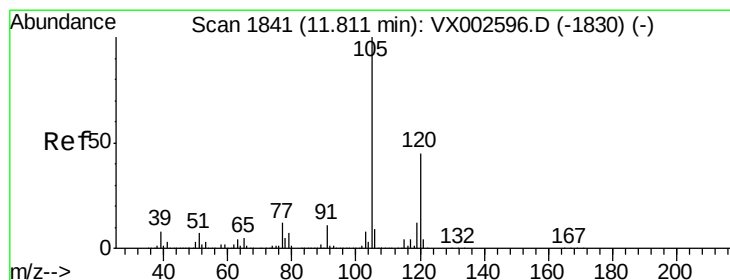
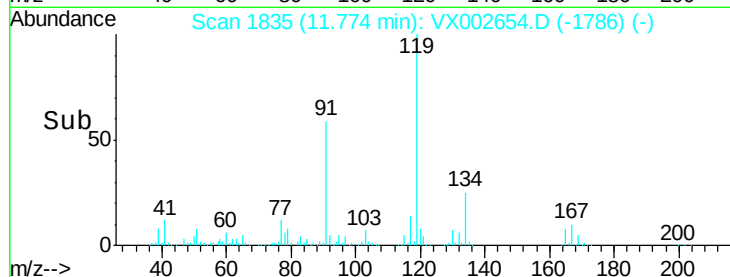
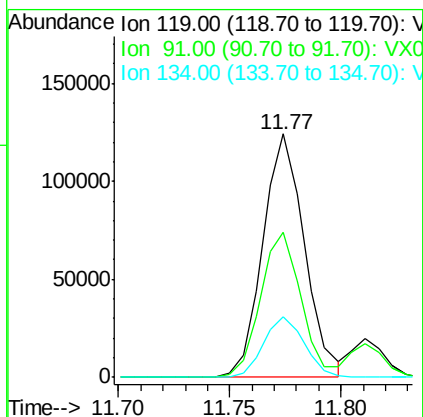
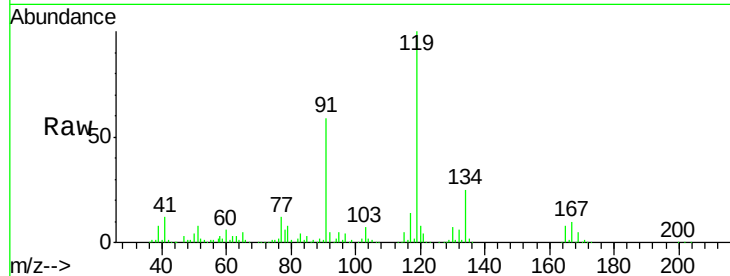




#83
 tert-Butylbenzene
 Concen: 18.354 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002654.D
 Acq: 16 Jun 2018 18:32

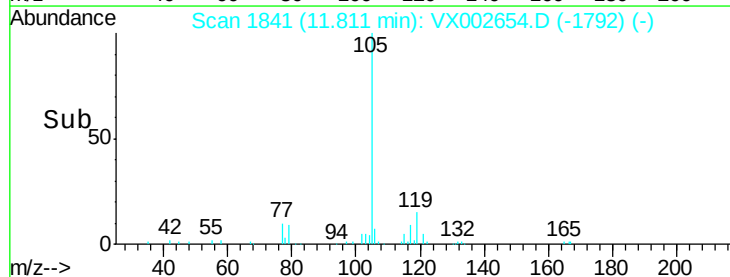
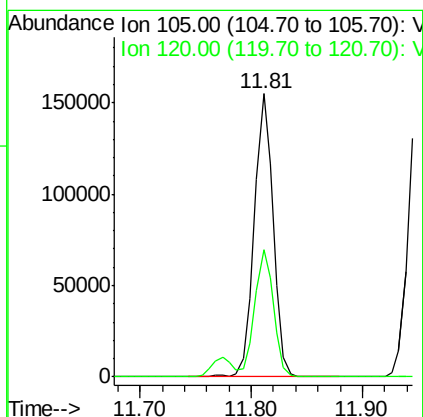
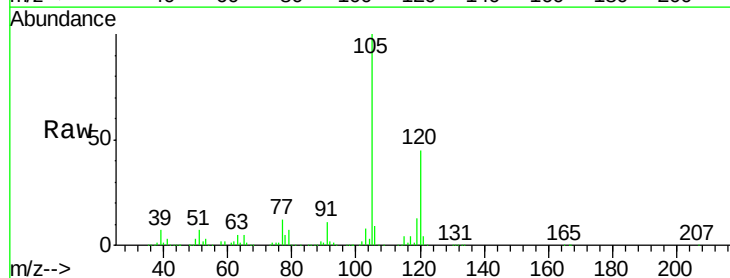
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

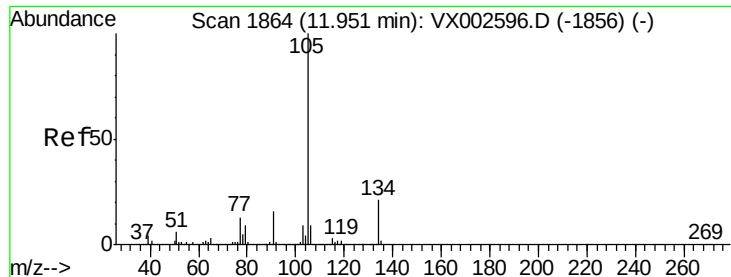
Tot Ion:119 Resp: 160738
 Ion Ratio Lower Upper
 119 100
 91 57.5 30.3 90.9
 134 24.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.784 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002654.D
 Acq: 16 Jun 2018 18:32

Tgt Ion:105 Resp: 183523
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 16.802 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

Instrument :

MSVOA_X

ClientSampled :

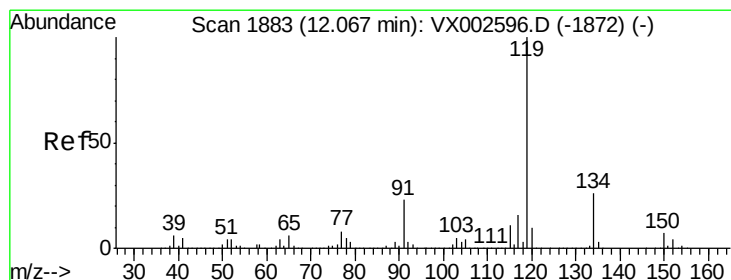
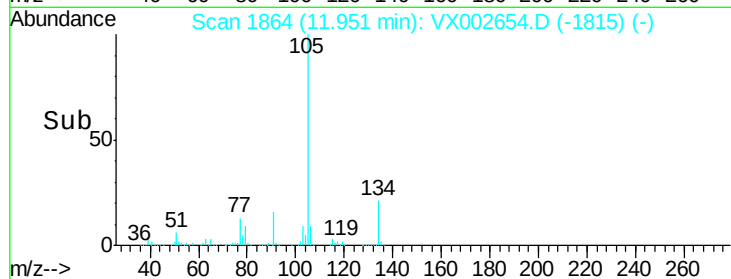
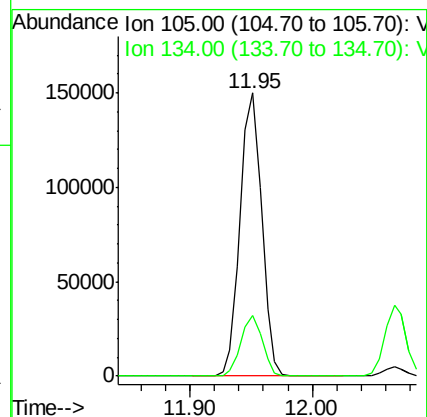
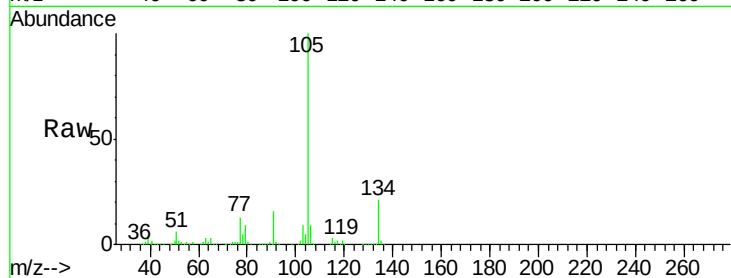
VX0616WBS01

Tot Ion:105 Resp: 182972

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.1



#86

p-Isopropyltoluene

Concen: 17.291 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002654.D

Acq: 16 Jun 2018 18:32

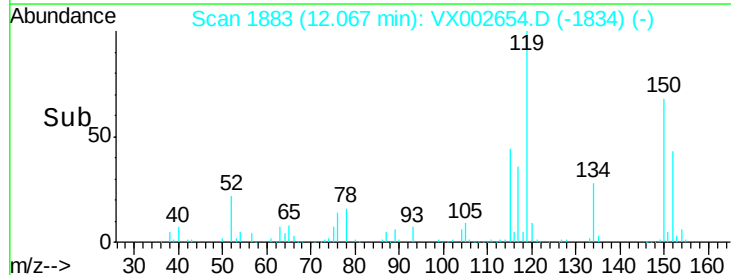
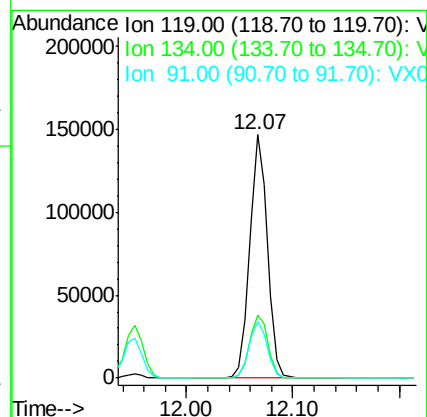
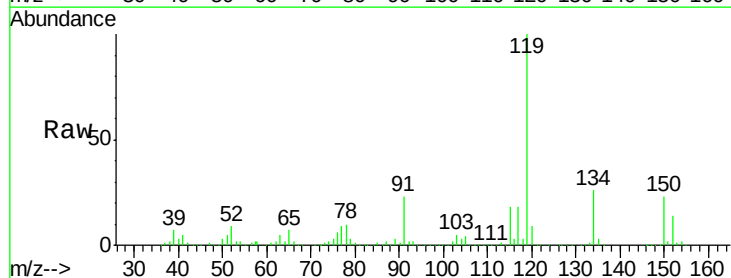
Tgt Ion:119 Resp: 170365

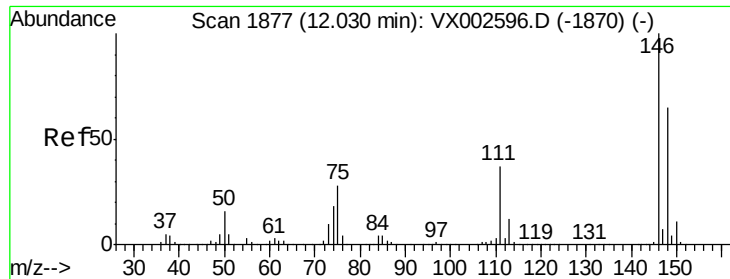
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 24.1 11.9 35.7

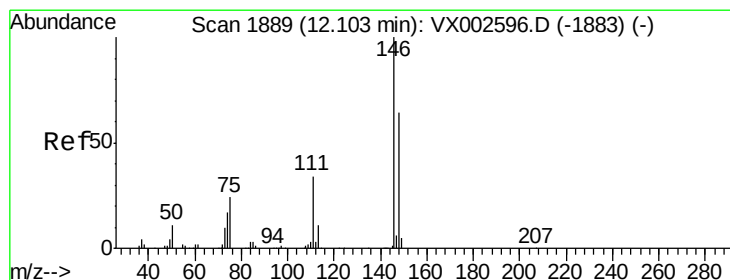
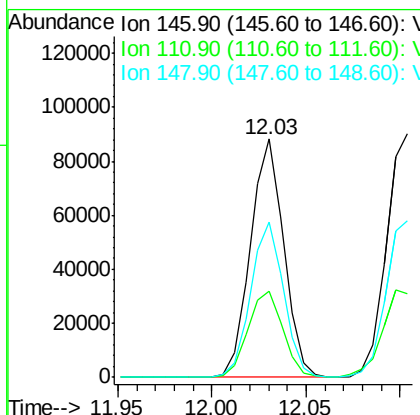
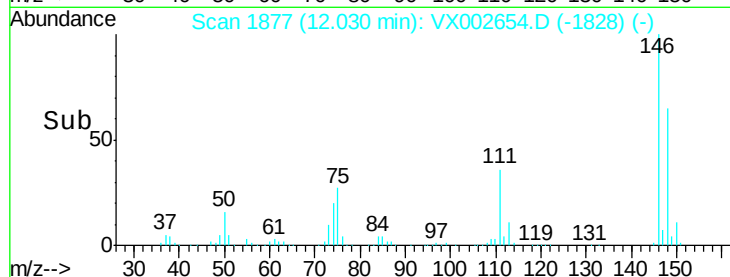
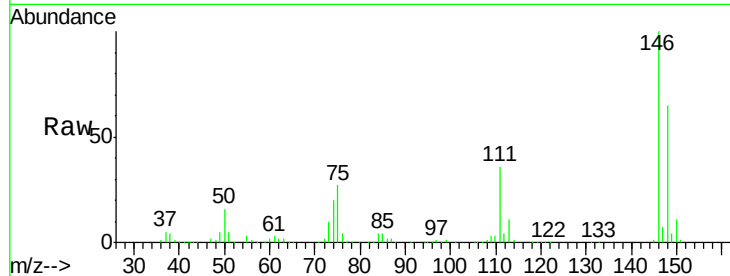




#87
 1,3-Dichlorobenzene
 Concen: 19.678 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002654.D
 Acq: 16 Jun 2018 18:32

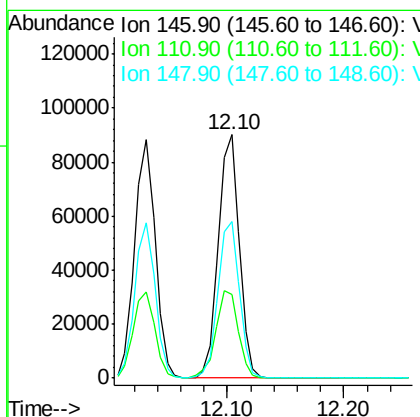
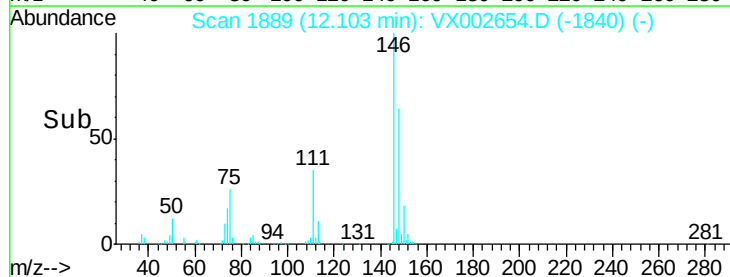
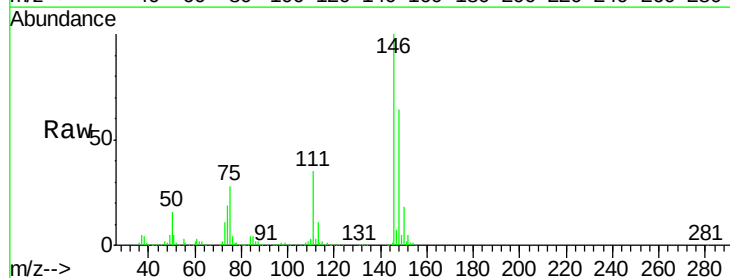
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

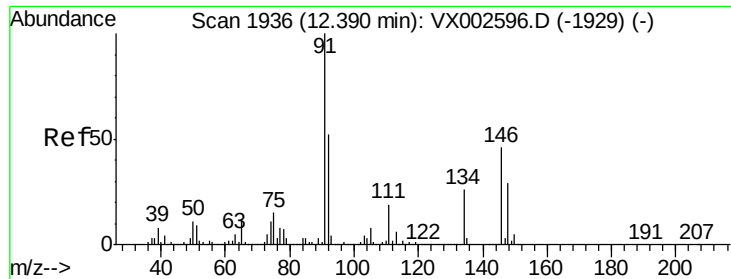
Tot Ion:146 Resp: 108148
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.7
 148 64.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.975 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002654.D
 Acq: 16 Jun 2018 18:32

Tgt Ion:146 Resp: 111700
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.7 56.1
 148 65.7 32.4 97.0

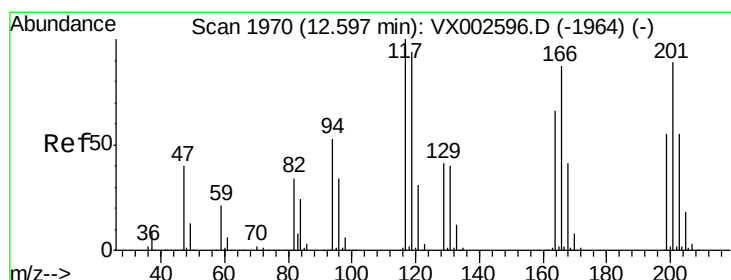
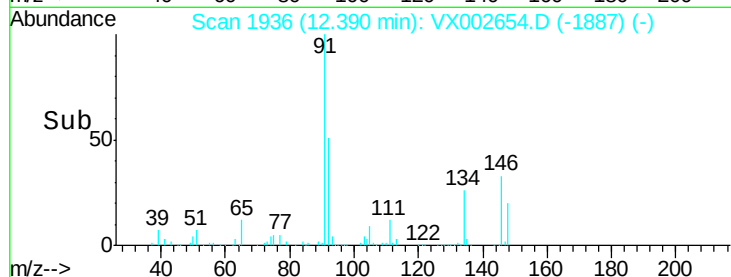
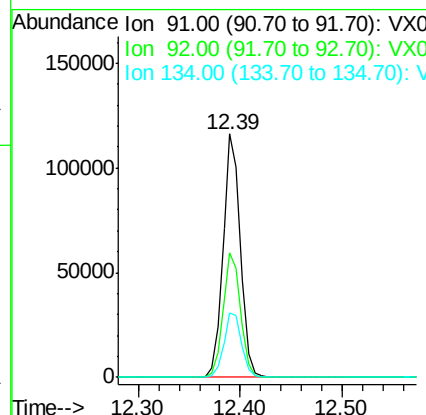
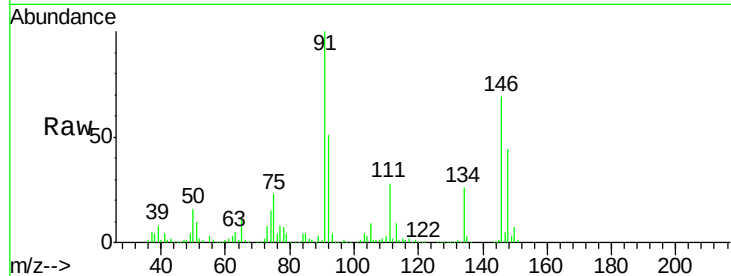




#89
n-Butylbenzene
Concen: 15.942 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

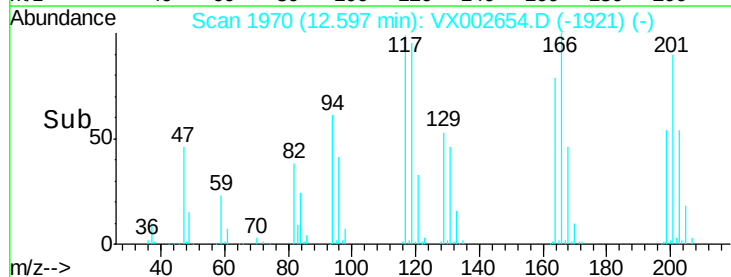
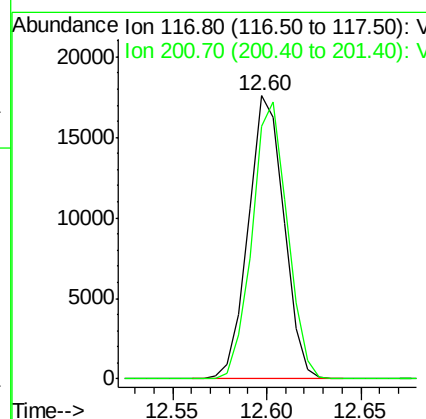
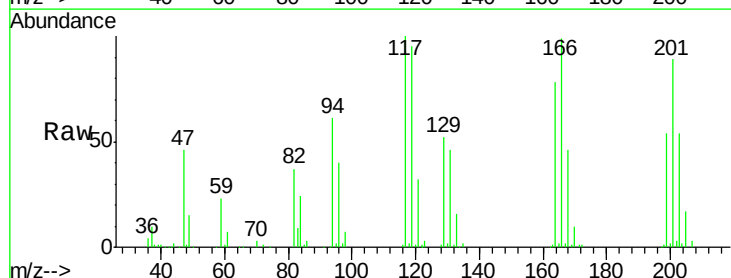
Instrument :
MSVOA_X
ClientSampled :
VX0616WBS01

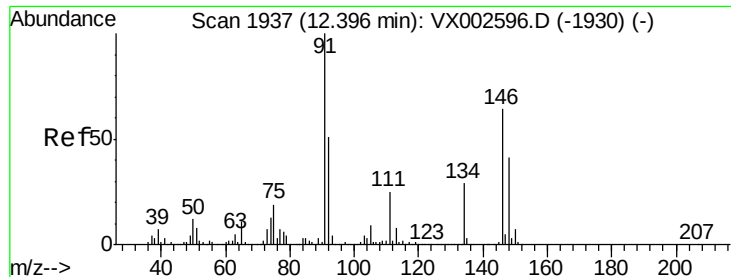
Tot Ion: 91 Resp: 138569
Ion Ratio Lower Upper
91 100
92 51.5 26.0 78.0
134 27.1 13.5 40.5



#90
Hexachloroethane
Concen: 16.846 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

Tgt Ion: 117 Resp: 23052
Ion Ratio Lower Upper
117 100
201 96.5 49.0 147.0

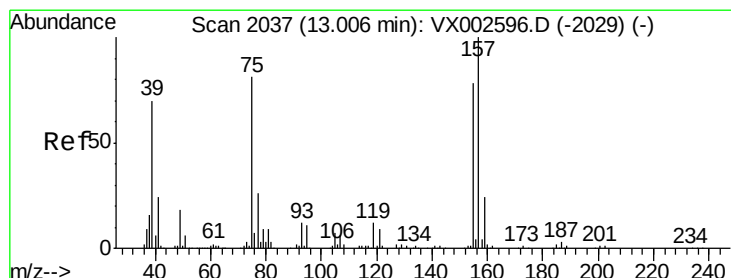
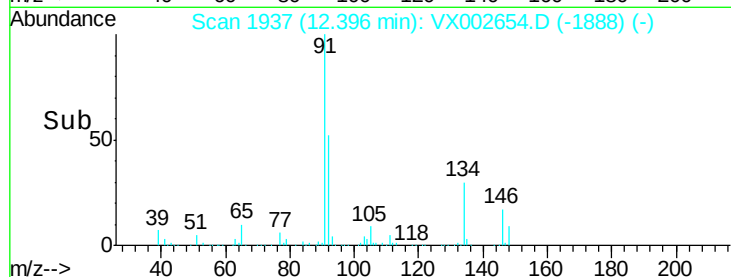
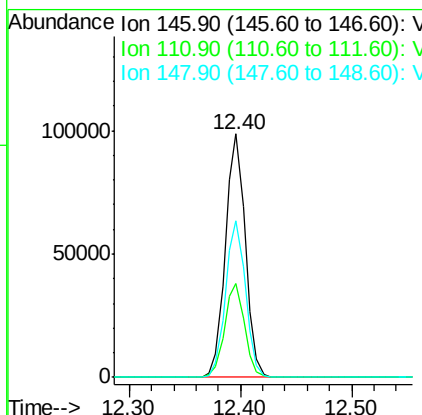
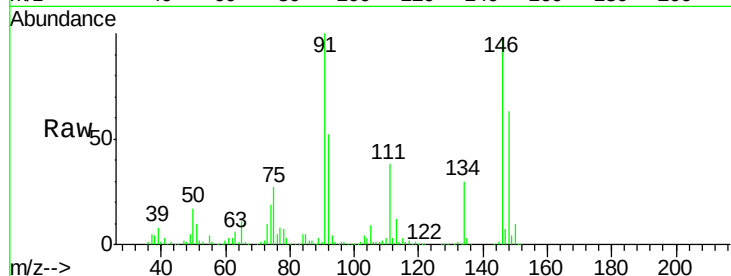




#91
 1,2-Dichlorobenzene
 Concen: 22.026 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002654.D
 Acq: 16 Jun 2018 18:32

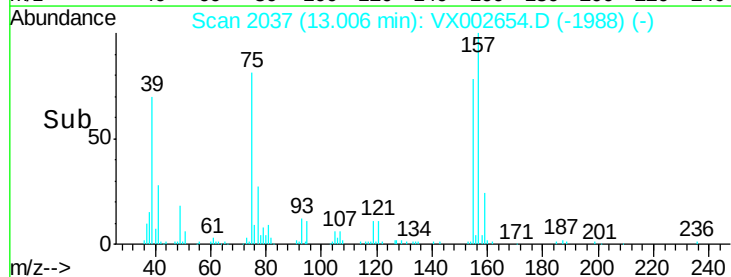
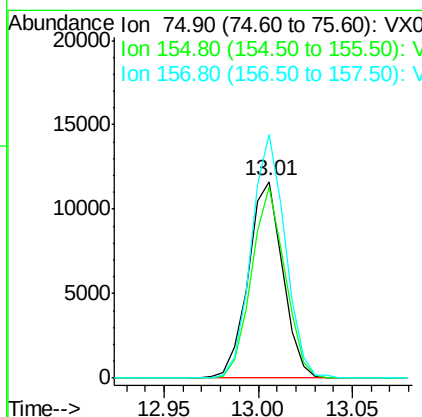
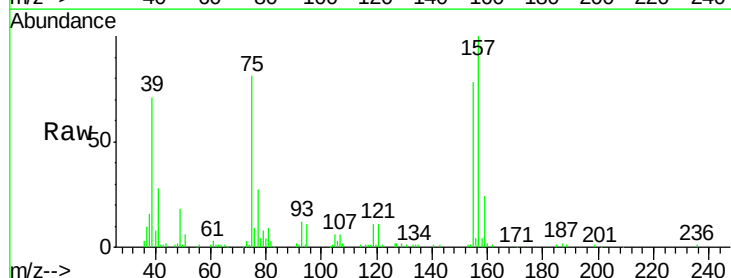
Instrument :
 MSVOA_X
 ClientSampled :
 VX0616WBS01

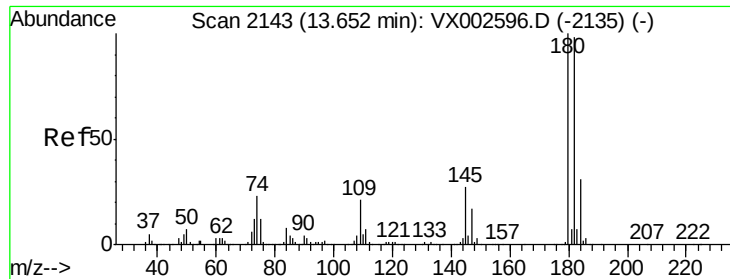
Tot Ion:146 Resp: 121837
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.4 58.1
 148 64.5 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.169 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002654.D
 Acq: 16 Jun 2018 18:32

Tgt Ion: 75 Resp: 14751
 Ion Ratio Lower Upper
 75 100
 155 94.3 45.8 137.4
 157 121.3 60.1 180.3

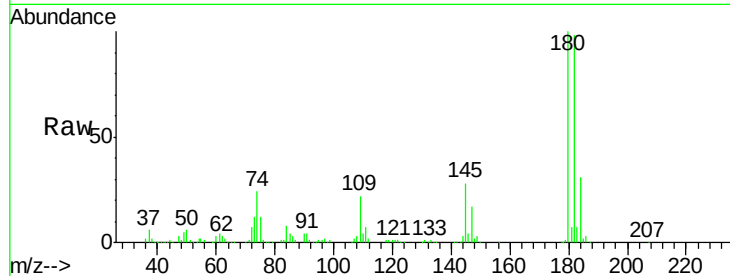




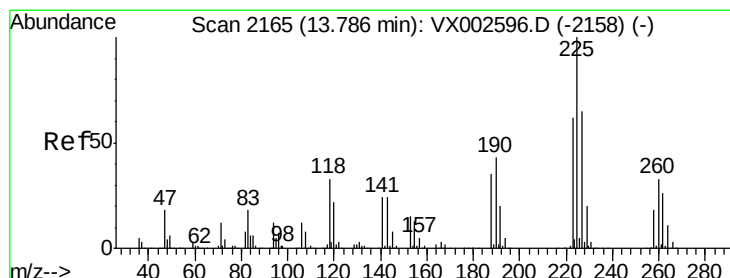
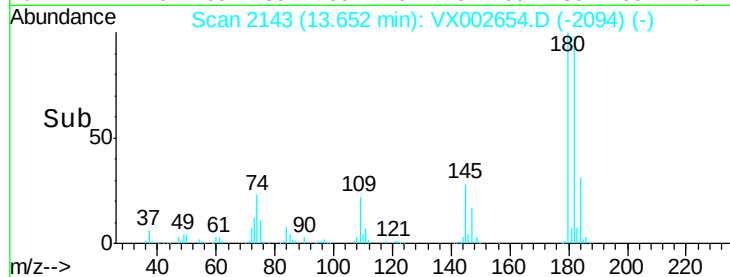
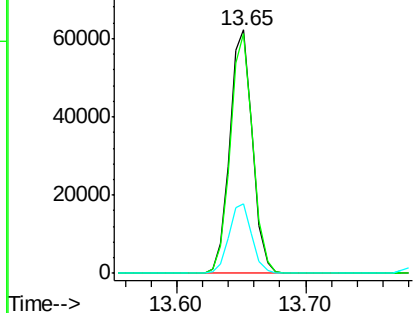
#93
 1,2,4-Trichlorobenzene
 Concen: 19.130 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002654.D
 Acq: 16 Jun 2018 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

Tot Ion:180 Resp: 76801
 Ion Ratio Lower Upper
 180 100
 182 97.5 47.7 143.1
 145 28.8 14.1 42.4

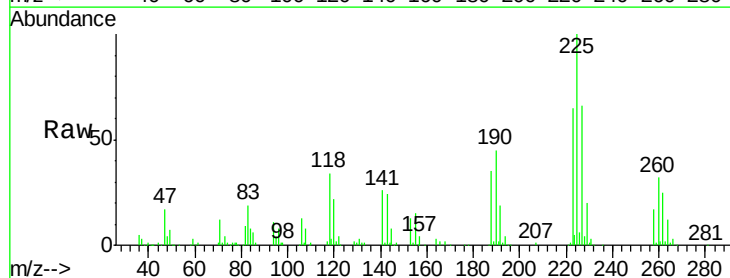


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

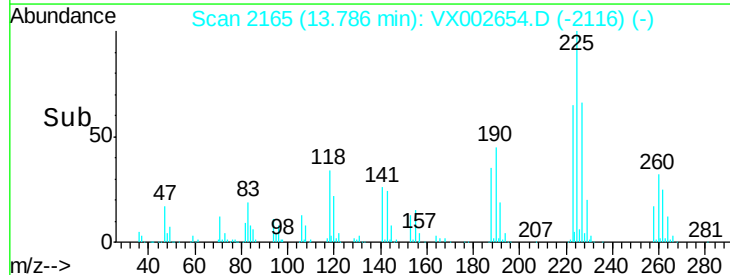
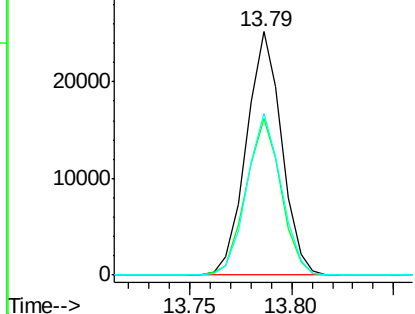


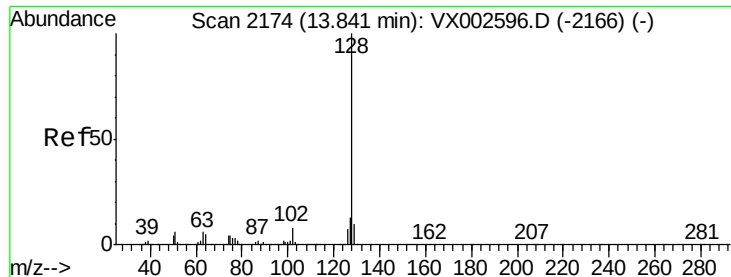
#94
 Hexachlorobutadiene
 Concen: 14.295 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002654.D
 Acq: 16 Jun 2018 18:32

Tgt Ion:225 Resp: 30230
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.6 95.0
 227 64.7 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

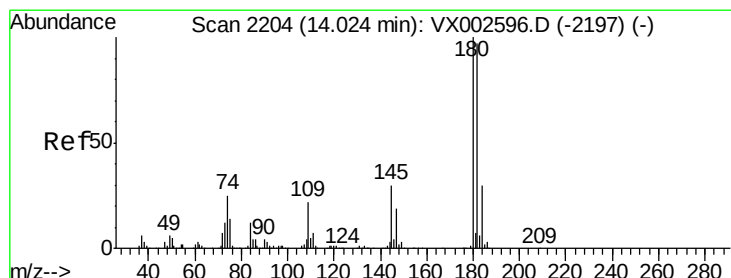
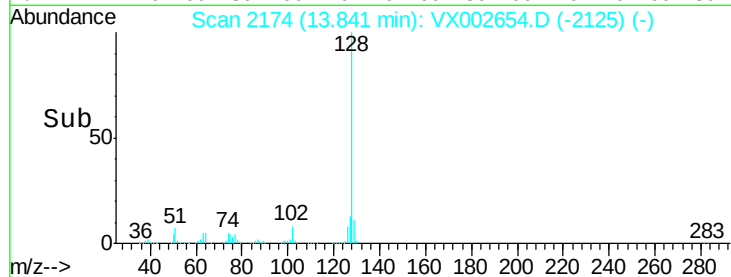
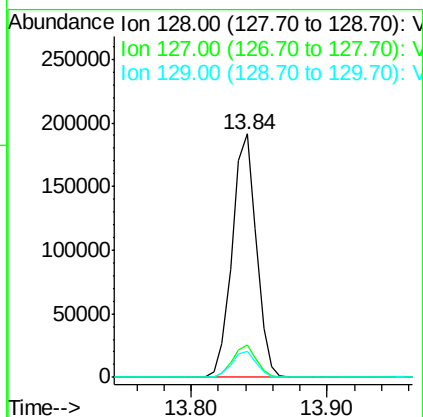
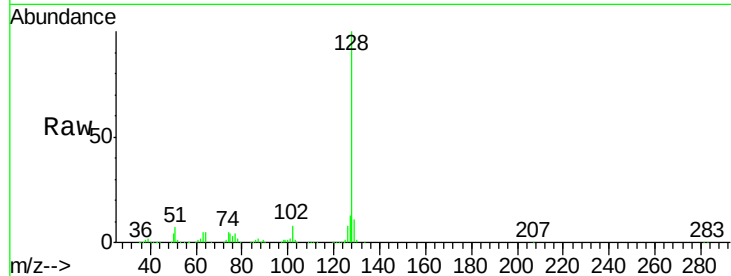




#95
Naphthalene
Concen: 21.854 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion:128 Resp: 236081
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.456 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002654.D
Acq: 16 Jun 2018 18:32

Tgt Ion:180 Resp: 82479
Ion Ratio Lower Upper
180 100
182 96.0 48.0 144.0
145 29.2 14.8 44.3

